

20030809.qrp v03_n007.qrl.20030809

Date: Sat, 9 Aug 2003 19:03:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3007

QRP-L Digest 3007

Topics covered in this issue include:

- 1) [155810] Re: Freq Ref kit from kitsandparts.com
by Paul <mooney@cytanet.com.cy>
- 2) [155811] Re: FP Shrink: on what u owe ur radio...
by Thom LaCosta <baltimoremd@baltimoremd.com>
- 3) [155812] Re: FP Shrink: on what u owe ur radio...
by K7VO <k7vo@earthlink.net>
- 4) [155813] Re: FP Shrink: on what u owe ur radio...
by K7VO <k7vo@earthlink.net>
- 5) [155814] FP Shrink: on what u owe ur radio..
by "Tom Curtola" <tcurtola@rogers.com>
- 6) [155815] FS This Time
by RLemmel@aol.com
- 7) [155816] Re: FP Shrink: on what u owe ur radio..
by Mike Cummings <mook@annihilator.net>
- 8) [155817] Very on Topic: BPL and QRP
by Michael Byrd <m.byrd10@verizon.net>
- 9) [155818] RE: FP Shrink: on what u owe ur radio...
by Adam Farson <farson@shaw.ca>
- 10) [155819] Re: FP Shrink: on what u owe ur radio...
by "dave dabay" <kd3pc@mindspring.com>
- 11) [155820] Re: FP Shrink: on what u owe ur radio...
by "dave dabay" <kd3pc@mindspring.com>
- 12) [155821] Re: Freq Ref kit from kitsandparts.com
by "Nick Kennedy" <nkennedy@tcainet.net>
- 13) [155822] Re: FP Shrink: on what u owe ur radio...
by "George, W5YR" <w5yr@att.net>
- 14) [155823] Re: HW-8 users?
by "Howard Kraus" <K2UD@adelphia.net>
- 15) [155824] Re: Building Day
by grizzarv@mindspring.com
- 16) [155825] Re: FP Shrink: on what u owe ur radio...
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 17) [155826] KG6CYN DDS - Mini Circuits ERA-1SM Group Buy
by "Gene - NN7CK" <nn7ck@mindspring.com>
- 18) [155827] BPL filing (long)
by grizzarv@mindspring.com
- 19) [155828] Re: Freq Ref kit from kitsandparts.com

- by Lee Boulineau <n4mvl@yahoo.com>
- 20) [155829] Re: HW-8 users?
by Lee Boulineau <n4mvl@yahoo.com>
- 21) [155830] Re: FP Shrink: on what u owe ur radio...
by "Larry Przyborowski" <k3peg@comcast.net>
- 22) [155831] RE: FP Shrink: on what u owe ur radio...
by "Bob & Janet" <jbcraft@adelphia.net>
- 23) [155832] Re: FP Shrink: on what u owe ur radio...
by Dale Botkin <dale@botkin.org>
- 24) [155833] Re: Freq Ref kit from kitsandparts.com
by Richard Lim <richlim11@yahoo.com>
- 25) [155834] kitsandparts review
by Chuck Adams <k7qo@commspeed.net>
- 26) [155835] A plan to save, qrp.. ham radio in general....need ur help
by hamjoel@juno.com
- 27) [155836] Re: Freq Ref kit from kitsandparts.com
by "Brian Murrey" <brian@iquest.net>
- 28) [155837] Norcal Keyer picture
by "NR5A" <nr5a@rap.midco.net>
- 29) [155838] Re: Freq Ref kit from kitsandparts.com
by "Trevor Jacobs" <kg6cyn@softhome.net>
- 30) [155839] Re: [155800] W6ELProp question...
by "Julian (G4ILO)" <g4ilo@qsl.net>
- 31) [155840] [155808] Re: FP Shrink: on what u owe ur radio...
by "Julian (G4ILO)" <g4ilo@qsl.net>
- 32) [155841] HF BEACONS
by Ken Brown <hfbeacons@juno.com>
- 33) [155842] Don't stop building that kit...
by hamjoel@juno.com
- 34) [155843] RE: Freq Ref kit from kitsandparts.com
by "Emmersome Bigguns" <n8ie@woh.rr.com>
- 35) [155844] Re: [Joel's piece] FP Shrink: on what u owe ur radio...
by Alex <kr1st@amsat.org>
- 36) [155845] Re: [license plate] FP Shrink: on what u owe ur radio...
by Alex <kr1st@amsat.org>
- 37) [155846] Iambic Sending
by Karl Larsen <k5di@msn.com>
- 38) [155847] Re: FP Shrink: on what u owe ur radio...
by Bruce Muscolino <w6toy@erols.com>
- 39) [155848] Re: FP Shrink: on what u owe ur radio...
by Bruce Muscolino <w6toy@erols.com>
- 40) [155849] Re: Freq Ref kit from kitsandparts.com
by Joe Martin <km5cw@arrl.net>
- 41) [155850] Re: HW-8 users?
by Bruce Muscolino <w6toy@erols.com>
- 42) [155851] 17 m Tx
by "Leon Heller" <leon_heller@hotmail.com>
- 43) [155852] Re: kitsandparts review

by "John Sielke" <jsielke@pobox.com>
44) [155853] Re: Freq Ref kit from kitsandparts.com
by "John Sielke" <jsielke@pobox.com>
45) [155854] If it seems too good to be true . . .
by John Farnsworth <jfarnsworth@direcway.com>
46) [155855] Re: Freq Ref kit from kitsandparts.com
by Rlemmel@aol.com
47) [155856] Re: [license plate] FP Shrink: on what u owe ur radio...
by "Mike Yetzko" <myetzko@insydesw.com>
48) [155857] Re: Freq Ref kit from kitsandparts.com
by "w8diz" <w8diz@cinci.rr.com>
49) [155858] FOX; Last call tomorrow-NOUR
by "Jim NOUR" <n0ur@comcast.net>
50) [155859] Re: [license plate] FP Shrink: on what u owe ur radio...
by "Mark Fancher" <mfancher@fuse.net>
51) [155860] Re: [license plate] FP Shrink: on what u owe ur radio...
by Tom Severt <n2uhc@yahoo.com>
52) [155861] Re: [license plate] FP Shrink: on what u owe ur radio...
by "Richard Brummer, K2JQ" <k2jq@rcn.com>
53) [155862] Re: [license plate] FP Shrink: on what u owe ur radio...
by "Garey Barrell" <k4oah@mindspring.com>
54) [155863] RE: [Joel's piece] FP Shrink: on what u owe ur radio...
by "k6xr" <k6xr@bak.rr.com>
55) [155864] Re: Norcal Keyer picture
by Nelson Winter <thenels@go.com>
56) [155865] Re: Norcal Keyer picture
by Dan Harriman <kc5gxl@ih2000.net>
57) [155866] OT: Radio items FS
by "Thomas Kuehl" <ac7a@earthlink.net>
58) [155867] Re: [license plate] FP Shrink: on what u owe ur radio...
by Joe Martin <km5cw@arrl.net>
59) [155868] Ham Radio During WW II
by Jim Campbell <jim-c@charter.net>
60) [155869] Re:was FP Shrink:/now TX ham plates
by Dan Harriman <kc5gxl@ih2000.net>
61) [155870] Re: [license plate] FP Shrink: on what u owe ur radio...
by "Bud Haynes" <BudHaynes@peoplepc.com>
62) [155871] Re: Norcal Keyer picture
by "NR5A" <nr5a@rap.midco.net>
63) [155872] OT: FS Radio items - update 1
by "Thomas Kuehl" <ac7a@earthlink.net>
64) [155873] Re:was FP Shrink:/now TX ham plates
by Dan Harriman <kc5gxl@ih2000.net>
65) [155874] Re: HW-8 users?
by Bill Stietenroth <k5zty@juno.com>
66) [155875] Re: Freq Ref kit from kitsandparts.com
by "Michael Melland" <w9wis@charter.net>
67) [155876] Re: HW-8 users?

by Fghester@aol.com

68) [155877] OT Amateur Radio WebLogs? (long)
by Brian Short <bshort4@cox.net>

69) [155878] Re:was FP Shrink:/now TX ham plates
by Chuck Carpenter <w5usj@9plus.net>

70) [155879] Re: [license plate] FP Shrink: on what u owe ur radio...
by "Dave Ek" <ekdave@earthlink.net>

71) [155880] Re: Overvoltage protection - was If it seems too good to be
true . . .
by "Sverre Holm" <la3za@qsl.net>

72) [155881] Re: [self-training] Re: on what u owe ur radio...
by Mike Manship <mjmanship@iquest.net>

73) [155882] Re: HW-8 users?
by "john gabbard" <johngabbard@usintouch.com>

74) [155883] Re: [license plate] FP Shrink: on what u owe ur radio...
by KD5NWA <KD5NWA@cbayona.com>

75) [155884] mercury relay SOLD!
by "john gabbard" <johngabbard@usintouch.com>

76) [155885] Re: Rigs I'd like to try someday
by "Nick Kennedy" <nkennedy@tcainternet.com>

77) [155886] Re: Overvoltage protection - was If it seems too good to be
true . . .
by "Mike Yetsko" <myetsko@insydesw.com>

78) [155887] Re: Freq Ref kit from kitsandparts.com
by "Brian Murrey" <brian@iquest.net>

79) [155888] Re: Freq Ref kit from kitsandparts.com
by "Brian Murrey" <brian@iquest.net>

80) [155889] Re: LINUX Replies
by Rob Matherly <w0jrm@arrl.net>

81) [155890] Re: Freq Ref kit from kitsandparts.com
by "Michael Ross" <mross13@nyc.rr.com>

82) [155891] Re: [license plate] FP Shrink: on what u owe ur radio...
by Bud Rogers <budr@netride.net>

83) [155892] Re: Rigs I'd like to try someday
by Rick McKee <kc8aon@juno.com>

84) [155893] Re: [155808] Re: FP Shrink: on what u owe ur radio...
by Bud Rogers <budr@netride.net>

85) [155894] WILD IDEA
by hamjoel@juno.com

86) [155895] Re: Rigs I'd like to try someday
by Al Scanandoah <k2zn@rochester.rr.com>

87) [155896] DL5KZ Milliwatt Beacon 21052.3 kHz
by Ken Brown <hfbeacons@juno.com>

88) [155897] Re: [fpqrp] WILD IDEA
by "George, W5YR" <w5yr@att.net>

89) [155898] Re: [155383] More wine, anyone? [Long]
by Jeff Furman <jfurman@ocs.net>

90) [155899] Re: Freq Ref kit from kitsandparts.com

by "Charles KC0EH" <cvest@hit.net>
91) [155900] OT: FS Radio items - update 2
by "Thomas Kuehl" <ac7a@earthlink.net>
92) [155901] Re: Overvoltage protection - was If it seems too good to be
true . . .
by "Sverre Holm" <la3za@qsl.net>

Date: Sat, 09 Aug 2003 01:55:25 +0300
From: Paul <mooney@cytanet.com.cy>
To: k7qo@commspeed.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155810] Re: Freq Ref kit from kitsandparts.com
Message-ID: <1060383324.2604.5.camel@localhost>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Sat, 2003-08-09 at 00:43, Chuck Adams wrote:

> Gang,
>
> I ordered one of the \$17 freq reference kits from
> Dieter Gentzow, W8DIZ, who owns kitsandparts.com.
>
> I can tell you right now. No one should order one of these
> kits until he does a couple of things. He noted to the list
> that he messed up the board.
>
> Well he did not catch the biggest goof of all. There is a 14-pin
> DIP but there are only 7 wholes in the board for the pins. And
> there is a ground plane on the other side of the board and you
> are going to have a problem drilling the holes yourself, much
> less getting things right. And surely we are not supposed to
> cut pins from a DIP!! Some one stayed up too late working
> on this layout.
>
> There are no instructions at all on what the values are (no value
> markings on the board) and how to calibrate or set it up.
>
> OK. I checked the web sight and there are instructions there,
> but they should be included with the kit. For \$17 I'd expect no
> less. The print out of the building instructions does not print
> very readable on a black and white laser printer. The font is
> too light.... No way I want to move a computer to the lab to
> build this kit.
>
> This is, in my opinion, the second worst kit I've ever seen next to the old

> Radio Kit xcvr that years ago there was a contest on this reflector
> to get one to work.
>
> The missing holes in the board, the error Dieter already noted on the
> bottom side of the board which is corrected with a Dremel tool,
> and the shoddy job of ragged edges on two edges of the board
> where it was separated from the rest of a multiboard layout.
>
>
> So, I can not recommend this kit, even to the most experienced
> of builders. Sorry to give a negative review, but that is the way that
> I see it.
>
> FYI
>
>
>
> Chuck Adams K7QO k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60
>

Hi Chuck,

Seems like there's no defense for this kind of product.

Regarding the instructions. If you save them, and open the document in a text editor (e.g. notepad) find the line approx 12 lines down which reads:

```
<BODY BGCOLOR=white TEXT=MAROON><pre>
```

and delete 'TEXT=MAROON'.

The instructions will then be written in black text.

But, there again, why should you have to?

Paul M.

Date: Fri, 8 Aug 2003 19:17:13 -0400 (EDT)
From: Thom LaCosta <baltimoremd@baltimoremd.com>
To: John Sielke <jsielke@pobox.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155811] Re: FP Shrink: on what u owe ur radio...
Message-ID: <20030808191443.H50000-100000@unix1.vhost.min.net>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Aug 2003, John Sielke wrote:

>
> Gee, I guess I have been wrong all these years, as my myopic eyes seem to
> keep seeing the word "service" in Part 97.

Nah....you're not wrong.....licenses to use the sprectrum are granted
based on the concept of PCION(Public Convernience, Interest or Necessity)

Hobby use ain't a good enough reason to use spectrum.

> -
>
> I guess if I was wrong, and we are all JUST a "hobby" we may as well bend
> over and kiss our a** goodbye, because a hobby is not going to stop BPL, or
> in any other way justify our frequencies.

Got that right.

Thom

baltimoremd@baltimoremd.com	Thom LaCosta K3HRN Webmaster
http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and DrakeList
http://www.tlchost.net	Web Hosting as low as \$3.49/month

Date: Fri, 8 Aug 2003 19:20:53 -0400
From: K7VO <k7vo@earthlink.net>
To: w6toy@erols.com, qrp-l@lehigh.edu
Subject: [155812] Re: FP Shrink: on what u owe ur radio...
Message-ID: <20030808192053.12e0e326.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Fri, 08 Aug 2003 17:27:26 -0400
Bruce Muscolino <w6toy@erols.com> wrote:

>
> Gotta put my two cents worth in here. Amateur radio IS a service.
> You recent hams perhaps don't remember the emergencies we have had in
> this country in the past.

I do remember sitting in a hurricane shelter with a radio to provide the only communications they had. I do rememeber calling an emergency net when tornados were touching down.

> Yes, it is a great hobby and brings a lot of pleasure. But, that
> pleasure must be paid for with service when needed.

Bruce, we are agreeing way too much lately :) Well said...

73,
Caity
K7VO

Date: Fri, 8 Aug 2003 19:26:36 -0400
From: K7VO <k7vo@earthlink.net>
To: tcurtola@rogers.com, qrp-1@lehigh.edu
Subject: [155813] Re: FP Shrink: on what u owe ur radio...
Message-ID: <20030808192636.5d336162.k7vo@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Fri, 8 Aug 2003 15:45:54 -0400
"Tom Curtola" <tcurtola@rogers.com> wrote:

> There are a few "service nazis" in this hobby
> that forget this is a HOBBY for PLEASURE.

As others have already posted, we are a service, and the ability to provide that service is the justification for our spectrum allocations.

You hit a major hot button with me. Use of the term "nazi" the way you did (as in casually) is highly offensive. I am the child of two Holocaust survivors. The Nazis killed 12 million people in death camps, including 6 million Jews and 3 million Roma (gypsies), just because of their ethnicity. Nazism equates with genocide. Are you meaning to say that insisting that ham radio is a service equates with genocide? I think not. Without meaning to do so you are demeaning those who died in WWII, both in camps and in fighting that war, including many thousands of Americans.

Please, all I am asking is that you think about the words you use and

what they mean. I am sure I am not the only one on list who read your post and shuddered. I am outspoken, and something like this I cannot let pass. I am not accusing you of anything malicious or intentional. I just think your choice of words was incredibly unfortunate.

I will not get into a debate on this issue.

Caitlyn Martin
K7VO

Date: Fri, 8 Aug 2003 19:30:16 -0400
From: "Tom Curtola" <tcurtola@rogers.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155814] FP Shrink: on what u owe ur radio..
Message-ID: <000d01c35e05\$079ec940\$54103141@bloor.phub.net.cable.rogers.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Took a while to go through our regulations for the definition of amateur radio service here in Canada. But here it is:

"amateur radio service" means a radiocommunication service in which radio apparatus are used for the purpose of self-training, intercommunication or technical investigation by individuals who are interested in radio technique solely with a personal aim and without pecuniary interest; (service de radioamateur)

Pretty much says what I thought. I don't have to join anything, any club, or have my equipment at the ready in case of a disaster. Pretty much defines it as a hobby here in Canada. Guess I'll continue to have fun. That doesn't mean I wouldn't help if asked or needed. I'm not a pig.

Tom

Date: Fri, 8 Aug 2003 19:49:17 EDT
From: RLemmel@aol.com
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [155815] FS This Time
Message-ID: <126.2ed138aa.2c6590fd@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A few weeks ago I posted a proposed trade for my K2 #2074. Some recent developments at work (they don't want to pay me for the last five weeks) have now inclined me to offer the rig for sale. It is CW only with added autotuner, 160 meters, NB, audio filter (not dsp), new set of matched crystals with improved grounding, stability mod, and low power consumption mod. In the 40 meter foxhunt prior to the last one this rig nabbed all but 3 or 4 pelts. The cost of this rig if ordered from Elecraft is over \$900 before shipping. I am hoping to sell this rig for \$700 and I will pay shipping CONUS. Any takers??
72/oo-Randy, WV9N

Date: Fri, 8 Aug 2003 16:53:39 -0700 (PDT)
From: Mike Cummings <mook@annihilator.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155816] Re: FP Shrink: on what u owe ur radio..
Message-ID: <Pine.LNX.4.44.0308081648260.2686-100000@drizzle.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Aug 2003, Tom Curtola wrote:

> Pretty much says what I thought. I don't have to join anything, any club,
> or have my equipment at the ready in case of a disaster. Pretty much
> defines it as a hobby here in Canada. Guess I'll continue to have fun.
> That doesn't mean I wouldn't help if asked or needed. I'm not a pig.

This whole either/or debate is bugging me a bit. I've always understood Amateur Radio to be a service AND a hobby. The idea is, you have a bunch of people who are interested in radio and you give them spectrum to fool around with and experiment, yak, whatever. In return, society gets a pool of trained radio operators for emergencies and the benefit of technological advances made by amateurs.

Service vs. hobby is a false dichotomy. It's like the Saturday Night Live skit: It's a floor wax AND a dessert topping!

73,

Mike NX7E

Date: Fri, 08 Aug 2003 20:21:09 -0400
From: Michael Byrd <m.byrd10@verizon.net>
To: qrp-l@Lehigh.EDU
Subject: [155817] Very on Topic: BPL and QRP
Message-ID: <3F343E75.CFEFB351@verizon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

A quick reminder to the QRP community:

Please review the BPL issue and help the effort to stop this from becoming a reality.
This is a very serious problem for all ham radio operators, but will be a death sentence for all QRP activities.

While coping the beacon of AA4XX at 25 mw I was amazed to be able to hear it. I also realized this will never happen again if BPL exists. If Paul's little 25mw can reach as far as it did, just think what will happen if power lines in the US are radiating HF.
All of the HF frequencies will be super saturated with RFI. There will be no QRP from that day on.

Ladies and Gentlement, make a choice while you have the option. If you make no effort...QRP will only be a footnote in history.

Date: Fri, 08 Aug 2003 17:23:38 -0700
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155818] RE: FP Shrink: on what u owe ur radio...
Message-ID: <BLEKJMCJBOEAAIECDNNCEEICIGNAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Tom,

Please do not bandy the word "Nazi" about so lightly. Some of us find it highly offensive.

My family and I lived in the UK during WW2. It is only because "The Few" of

the Royal Air Force prevailed in the Battle of Britain that Nazi Germany scrubbed Operation Sea Lion (the planned invasion). But for that, I would not be sitting here writing this. My parents and I, and our relatives, would all have been Holocaust statistics.

Thank you.

Best 73,
Adam, VA7OJ/AB4OJ
North Vancouver, BC, Canada

<<...There are a few "service nazis" in this hobby...>>

Date: Fri, 8 Aug 2003 20:23:49 -0400
From: "dave dabay" <kd3pc@mindspring.com>
To: <w6toy@erols.com>
Cc: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [155819] Re: FP Shrink: on what u owe ur radio...
Message-ID: <002101c35e0c\$81fb1480\$e214fea9@DellPOS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am a post WWII kid, but I have been told that amateur radio was "shut down" for the war???

dave

----- Original Message -----
From: "Bruce Muscolino" <w6toy@erols.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, August 08, 2003 5:27 PM
Subject: Re: FP Shrink: on what u owe ur radio...

>
> Gotta put my two cents worth in here. Amateur radio IS a service. You
> recent hams perhaps don't remember the emergencies we have had in this
> country in the past. Ham radio was what folks depended on. A long time
> ago, during WW II there was the the fore runner of CD, followed by many
> CD (Civil Defense) nets thru the mid 60's. Hams diid all that and on
> several major public awards for their work.
>

> Yes, it is a great hobby and brings a lot of pleasure. But, that
> pleasure must be paid for with service when needed.
>
> 72

Date: Fri, 8 Aug 2003 20:32:23 -0400
From: "dave dabay" <kd3pc@mindspring.com>
To: <Makos327@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155820] Re: FP Shrink: on what u owe ur radio...
Message-ID: <003501c35e0d\$b3fc5470\$e214fea9@DellPOS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In Virginia, the plates are certainly not a "Service" as the state charges a surcharge for them. No "thank-you" in this part of the country.

What thanks were given during the Vietnam Era for all the phone patches that were run? My elmer and I spent days and several dollars running patches back to back for the guys in country. There were no cell/sat phones and very few pay phones available to the GI's. There certainly wasn't a long distance "discount" or price per minute rate for the links/tie lines.

What may have been a service years back, unfortunately or not - Part 97 or not - whether we like it or not, has gone the way of common courtesy, common sense, and just plain ole' being a good neighbor to each other.

my two cents worth, flames >/dev/null

dave

Date: Fri, 8 Aug 2003 19:54:47 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155821] Re: Freq Ref kit from kitsandparts.com
Message-ID: <015301c35e21\$9840a150\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Paul" <mooney@cytanet.com.cy>

> On Sat, 2003-08-09 at 00:43, Chuck Adams wrote:

> > Gang,

> >

> > I ordered one of the \$17 freq reference kits from

> > Dieter Gentzow, W8DIZ, who owns kitsandparts.com.

> Hi Chuck,

>

> Seems like there's no defense for this kind of product.

>

That's a little harsh, in my opinion.

I read Chuck's issues with the kit, then went to Diz's site and read his info.

OK, not providing dead-end pads for the unused pins seems a little weird, but this is described in the instructions and shown in the board layout. It looks like there's no technical reason to not let them float (they're outputs), so the issue is cosmetic and maybe ease of construction.

New offerings frequently have a missing trace, or one that needs to be cut. I think there was one like that from NORCAL recently. It's no huge deal if it's an easy fix which is published and the error is acknowledged.

Chuck is known as a fastidious builder who turns out projects that are visually appealing. To those who are similarly inclined, the comments on breaking off pins and rough cut boards are useful. But I don't think the Radiokit comparison was valid. If I recall correctly, that was simply a bad design that didn't work. I haven't yet seen anything to suggest that the frequency standard has any problems with functionality. When I get mine, I'll let the list know.

Not including an instruction sheet--probably a bad idea. But printing from a web page is almost always a bad idea, in my experience. I'll generally just highlight the text, paste into Word, tweak formatting as needed, and then print.

Just another perspective. The comments may have been accurate, but the tone is a little too strong in my view.

72--Nick, WA5BDU

Date: Fri, 8 Aug 2003 19:59:22 -0500
From: "George, W5YR" <w5yr@att.net>
To: "dave dabay" <kd3pc@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155822] Re: FP Shrink: on what u owe ur radio...
Message-ID: <022b01c35e11\$79b95570\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It was, Dave, but there was a Civil Defense activity known as the War
Emergency Radio Service or WERS. It used VHF/UHF equipment and licensed
hams. Was the only game in town if you wanted to operate on the air.
Otherwise, there was *NO* amateur radio operation until after WW2 when 10
meters was the first band returned to service.

I think WERS is what Bruce was referring to . . .

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----
From: "dave dabay" <kd3pc@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, August 08, 2003 7:23 PM
Subject: Re: FP Shrink: on what u owe ur radio...

> I am a post WWII kid, but I have been told that amateur radio was "shut
> down" for the war???
>
> dave

Date: Fri, 8 Aug 2003 21:17:19 -0400

From: "Howard Kraus" <K2UD@adelphia.net>
To: <ARDUJENSKI@aol.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [155823] Re: HW-8 users?
Message-ID: <003b01c35e13\$faa4cdc0\$dc131443@buf.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Still used here, all three of them. There is just something very nostalgic and spartan about running the 7, the 8 is a workaday rig, and the 9 allows me to operate the "other bands."

Don't ever part with them (unless of course, you are on death's bed. Then make sure someone very worthy latches onto them).

72

Howard Kraus, K2UD
----- Original Message -----
From: <ARDUJENSKI@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, August 08, 2003 4:33 PM
Subject: HW-8 users?

> Just got mine working and wondering how many folks still use theirs for
> sprints, etc. As soon as I figure out the problems on her sister rigs
(HW-7 and
> HW-9) will have the trio hopefully ready for QRP AFIELD in Sept. Sort of
> nostalgia day.
>
> Good day to you all--Alan KB7MBI
>

Date: Fri, 8 Aug 2003 20:06:50 -0500 (CDT)
From: grizzarv@mindspring.com
To: j.p.osburn@ieee.org
Cc: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [155824] Re: Building Day
Message-ID: <200308090106.h7916oD21088@kg7yy.kg7yy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
> Subject: Building Day

> [...] I would add one
> thing, make sure you have a first aid kit handy. I've hosted
> a few building sessions and we've never had a serious injury
> but our first aid kit has been used to patch up minor pokes,
> scratches, or cuts.

I was working on a scratch built project today (for work, not ham stuff)
and managed to jam my tweezers into my thumb. That patchemup kit sure
came in handy.

[snip]

Date: Fri, 8 Aug 2003 21:38:43 -0400
From: "Lawrence Makoski" <Makos327@worldnet.att.net>
To: "dave dabay" <kd3pc@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155825] Re: FP Shrink: on what u owe ur radio...
Message-ID: <00a901c35e16\$f80da0c0\$ab44590c@larrysahyqy001>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, it was. However, there was what you could consider to be the ARES
or RACES forerunner that was allowed to keep operating under government
supervision.

Because of the wartime ban on radio; this service was run tightly and
strictly - but it did exist. I forget the exact name of the program;
but I recently read about it in one of the Ham magazines.

73 de Larry W2LJ

W2LJ@arrl.net
<http://www.qsl.net/w2lj>

ARRL Lifemember QRP ARCI #4488 NJQRP #47
FISTS #1469 QRP-L #778 FP #612 QRPp-I #759
ARS #1528 --- K1 #1647

----- Original Message -----

From: "dave dabay" <kd3pc@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, August 08, 2003 8:23 PM
Subject: Re: FP Shrink: on what u owe ur radio...

> I am a post WWII kid, but I have been told that amateur radio was
"shut
> down" for the war???
>
> dave
>

Date: Fri, 8 Aug 2003 21:40:47 -0400
From: "Gene - NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <nn7ck@arrl.net>
Subject: [155826] KG6CYN DDS - Mini Circuits ERA-1SM Group Buy
Message-ID: <00b101c35e17\$41afb9c0\$0902a8c0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So far I have 23 interested parties that said they wanted to participate in the group buy including some DX.

The total number of chips accounted for at this time is 39.

For this quantity the chips are \$1.42 each with the next price break at 100. With a quantity of 39 we meet the Mini Circuits minimum order.

I assumed one chip per reply unless a higher number was mentioned. I recommend a spare be purchased by each since these SMT parts are small and tough to remove without damage if you make a mistake during assembly and getting a replacement could be expensive.

I need to work out the shipping details this weekend as soon as I locate a supply of padded envelopes and will send a go-notice later this weekend.

Thanks for your patience ... 73 ... Gene ... NN7CK

Date: Fri, 8 Aug 2003 20:38:33 -0500 (CDT)
From: grizzarv@mindspring.com
To: qrp-l@lehigh.edu
Subject: [155827] BPL filing (long)
Message-ID: <200308090138.h791cXo21271@kg7yy.kg7yy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Did it.

Quote

INTRODUCTION

My name is Robert Grizzard. I am a licensed Amateur Radio operator, holding callsign KG7YY. Previously I held the callsigns KC4ZRF, TA2ZR, and KA7FSO. I also hold a General Class Radiotelephone Operator's License, number PG-GB-03791. Previously I held a Second Class Commercial Radiotelephone license, number P2-11-46502. In addition, I am a veteran of the United States Air Force, where I served as a Wideband Communications Equipment Technician, AFSC 2E171 (converted from 30470). Since I was first licensed in 1978 as P2-11-46502 I have worked on systems from 1 Hz to 500 THz and powers from that imparted by starlight to 10 kW of RF output (and that latter system actually had 50 kW in the beam).

DISCUSSION

Ms. O'Connor and Mr. Karp, counsel for Satius, make the following proposal:

"[...] Accordingly, Satius proposes the following limitations to

Access BPL analog and DSP systems.⁸

Frequency Field Strength Measurement Distance

9-490 Khz 2,400/F(Khz) 300 meter

0.49-1.705 Mhz 24,000/F(Khz) 30 meter

1.705-54 Mhz 500 uV/meter 300 meter

54-88 Mhz 100 uV/meter 30 meter

88-216 Mhz 150 uV/meter 30 meter

216-470 Mhz 500 uV/meter 300 meter

470-960 Mhz 200 uV/meter 30 meter

above 960 Mhz 500 uV/meter 300 meter"

In Title 47 CFR Part 15.15(c), this Commission states explicitly that "Parties responsible for equipment compliance should note that the limits specified in this Part will not prevent harmful interference under all circumstances". Satius wishes to increase radiated field strength from

1.705 MHz to 30 MHz from its present limit of 30 uV/Meter at 30 Meters and from 30 to 54 MHz from its present limit of 100 uV/Meter at 3 Meters to 500 uV/Meter at 300 Meters. Additionally, they wish to increase radiated limits between 54 MHz and 88 MHz from their present 100 uV/Meter at 3 Meters to 100 uV/Meter at 300 Meters. The Commission has already stated that present limits will not prevent harmful interference. Satus wishes to multiply the limit at HF by a factor of 15 and the distance by a factor of 10. If present limits are inadequate to protect from harmful interference, surely the extended limits are as well.

Mr. Lazarus, counsel for Current Technologies LLC, states "We are starting with a noisy radio-frequency environment, and the Commission must take that into account in assessing the impact of BPL. No BPL regulation can "re-quiet" the environment back to the pristine state that some commenters prefer". This almost sounds like Current Technologies LLC has done the testing, discovered that their system does pollute the RF spectrum -- and is going to proceed anyway. If this testing has indeed been done then it behooves Current Technologies LLC to release the results so the Commission can have some solid fact to go on instead of hand-waving about "[M]ost [filings] grossly overstat[e] the interference potential of BPL".

As he argues for Class A status for the BPL injectors instead of Class B, Mr. Lazarus states "(At 30-88 MHz, where many BPL systems will operate, Class A is only 27 billionths of a watt.)" An extremely strong amateur radio signal is 50 trillionths of a Watt. A perfectly usable Amateur radio signal is 195 quintillionths of a Watt -- 1/138000th of the power Mr. Lazarus describes as "only". If I could be assured the distant station I was trying to establish communications with would generate a signal that would develop 27 billionths of a Watt on my antenna every time I wished to communicate with that station I would be extremely happy.

Mr. Stenger, counsel for Electric Broadband, says, "Moreover, experience with BPL systems to date indicates that they comply with the carrier current system rules and that the emissions limits can be increased without causing harmful interference to other users". We have already seen that the Commission acknowledges that present emission limits are not a guarantee of freedom from interference. Mr. Stenger also says, "With regard to emissions limits, in its work with the leading vendors and utilities who are the early adopters of BPL technology, Electric Broadband has not seen interference issues arise under the existing CCS rules. Experience appears to indicate that those limits can and should be raised to improve the functionality of BPL technology without harming other users". The problem with what Mr. Stenger proposes is that, despite his assurances that higher limits will not negatively affect other users, experience gained in Europe and Japan shows that BPL can be expected to harm other users.

Mr. Stenger then says, "Likewise, third parties must be held responsible for taking steps to mitigate their vulnerability to interference". The issue

with the multitude of NIST, shortwave broadcast, television broadcast, NTIA, amateur, low VHF public safety, low VHF business band, aviation, public coast station, Part 15 frequencies where cordless telephones and baby monitors operate, and other frequencies that will be deleteriously affected by BPL is not one of a receiver improperly responding to an off-channel signal; it is one of a receiver properly responding to an on-channel signal that is there improperly only because the "non-interfering" BPL wasn't quite so interference-free as the proponents claimed.

SUMMARY

The overwhelming majority of statements from BPL proponents state that emission limits can be raised even though experience shows that present limits don't forestall interference to over-the-air services. The BPL proponents often make reference to their studies without disclosing their methodologies or the numbers they derived from the studies then complain about people exaggerating the risk of interference. The few numbers the BPL proponents do present indicate they wish to be allowed to generate interfering RF at levels several orders of magnitude higher than those necessary for communications. The BPL proponents seek to send RF across unbalanced unshielded wires, and all my experience tells me that unshielded unbalanced wires radiate and are more properly known as "antennas". Finally, the BPL proponents seek to place the onus for relief from interference upon the injured party rather than assuming it themselves as the injuring party.

CONCLUSION

I respectfully request this Commission reevaluate the desirability of putting broadband Internet service on HF and low-band VHF carriers then imposing those carriers on unshielded unbalanced wires. One resource now available to this Commission is the videotaped result of empirical tests conducted by Ed Hare, W1RFI, in several of the field test areas. The story is available at <http://www.arrl.org/news/stories/2003/08/08/2/?nc=1>; the video is available from a link on the page or at http://216.169.96.120/BPL_Trial-web.mpg.

Sincerely,

Robert V. Grizzard, KG7YY

Unquote.

Is there such a word as "quintillionth"? Guess there is now.

Rob

Date: Fri, 8 Aug 2003 19:16:11 -0700 (PDT)
From: Lee Boulineau <n4mvl@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155828] Re: Freq Ref kit from kitsandparts.com
Message-ID: <20030809021611.86699.qmail@web21209.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I believe that an e-mail to Diz privately would be have been more appropriate, so he can respond to it without the "dirty laundry" - I also strongly suspect that Diz will be correcting the oversights on the board in the future.

Lee N4MVL

--- Nick Kennedy <nkennedy@tcainternet.com> wrote:
> ----- Original Message -----
> From: "Paul" <mooney@cytanet.com.cy>
>
> > On Sat, 2003-08-09 at 00:43, Chuck Adams wrote:
> > > Gang,
> > >
> > > I ordered one of the \$17 freq reference kits
> from
> > > Dieter Gentzow, W8DIZ, who owns
> kitsandparts.com.
> > Hi Chuck,
> >
> > Seems like there's no defense for this kind of
> product.
> >
>
>
> That's a little harsh, in my opinion.
>
> I read Chuck's issues with the kit, then went to
> Diz's site and read his
> info.
>
> OK, not providing dead-end pads for the unused pins
> seems a little weird,
> but this is described in the instructions and shown
> in the board layout. It
> looks like there's no technical reason to not let
> them float (they're
> outputs), so the issue is cosmetic and maybe ease of
> construction.
>
> New offerings frequently have a missing trace, or

> one that needs to be cut.
> I think there was one like that from NORCAL
> recently. It's no huge deal if
> it's an easy fix which is published and the error is
> acknowledged.
>
> Chuck is known as a fastidious builder who turns out
> projects that are
> visually appealing. To those who are similarly
> inclined, the comments on
> breaking off pins and rough cut boards are useful.
> But I don't think the
> Radiokit comparison was valid. If I recall
> correctly, that was simply a bad
> design that didn't work. I haven't yet seen
> anything to suggest that the
> frequency standard has any problems with
> functionality. When I get mine,
> I'll let the list know.
>
> Not including an instruction sheet--probably a bad
> idea. But printing from
> a web page is almost always a bad idea, in my
> experience. I'll generally
> just highlight the text, paste into Word, tweak
> formatting as needed, and
> then print.
>
> Just another perspective. The comments may have
> been accurate, but the tone
> is a little too strong in my view.
>
> 72--Nick, WA5BDU
>
>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Fri, 8 Aug 2003 19:18:51 -0700 (PDT)
From: Lee Boulineau <n4mvl@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155829] Re: HW-8 users?

Message-ID: <20030809021851.52624.qmail@web21202.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I used to have the HW-8 and loved it!! Now I have the
HW-9 and I like it also. Get your '9 running so we can
have a '9 to '9 contact!!!

Lee N4MVL

--- Howard Kraus <K2UD@adelphia.net> wrote:
> Still used here, all three of them. There is just
> something very nostalgic
> and spartan about running the 7, the 8 is a workaday
> rig, and the 9 allows
> me to operate the "other bands."
>
> Don't ever part with them (unless of course, you are
> on death's bed. Then
> make sure someone very worthy latches onto them).
>
> 72
>
> Howard Kraus, K2UD
> ----- Original Message -----
> From: <ARDUJENSKI@aol.com>
> To: "Low Power Amateur Radio Discussion"
> <qrp-l@Lehigh.EDU>
> Sent: Friday, August 08, 2003 4:33 PM
> Subject: HW-8 users?
>
>
> > Just got mine working and wondering how many folks
> still use theirs for
> > sprints, etc. As soon as I figure out the problems
> on her sister rigs
> (HW-7 and
> > HW-9) will have the trio hopefully ready for QRP
> AFIELD in Sept. Sort of
> > nostalgia day.
> >
> > Good day to you all--Alan KB7MBI
> >
>

Do you Yahoo!?

Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Fri, 8 Aug 2003 22:21:56 -0400
From: "Larry Przyborowski" <k3peg@comcast.net>
To: "dave dabay" <kd3pc@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155830] Re: FP Shrink: on what u owe ur radio...
Message-ID: <002001c35e1d\$01a97090\$6501a8c0@K3PEGMOBILE>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,
Do a Google search on "wwii wers", and you'll find your answer real quick!

73, Larry

> I am a post WWII kid, but I have been told that amateur radio was "shut
down" for the war???
>
> dave

Date: Fri, 8 Aug 2003 22:43:32 -0400
From: "Bob & Janet" <jbcraft@adelphia.net>
To: <Makos327@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155831] RE: FP Shrink: on what u owe ur radio...
Message-ID: <AGEJJBFLPLHMOECFDIN00ELACMAA.jbcraft@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Because of the wartime ban on radio; this service was run tightly and
strictly - but it did exist. I forget the exact name of the program;
but I recently read about it in one of the Ham magazines.

73 de Larry W2LJ

Larry,
It was War Emergency Radio Service... my father-in-law (W8MXR) was a member...

Bob K8YS

Date: Fri, 8 Aug 2003 21:53:28 -0500 (CDT)
From: Dale Botkin <dale@botkin.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [155832] Re: FP Shrink: on what u owe ur radio...
Message-ID: <Pine.LNX.4.33.0308082149180.12672-100000@madmax.botkin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Aug 2003, John Sielke wrote:

> Gee, I guess I have been wrong all these years, as my myopic eyes seem to
> keep seeing the word "service" in Part 97.

Well, it's in Part 95 too. GMRS, FRS, Citizens' Radio Service - they're
ALL called "services". It's FCC terminology.

72,

Dale - N0XAS

--

It's a thankless job, but I've got a lot of Karma to burn off.
PicoKeyer is available for the Rock-Mite! <http://www.hamgadgets.com>

Date: Fri, 08 Aug 2003 22:09:35 -0500
From: Richard Lim <richlim11@yahoo.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [155833] Re: Freq Ref kit from kitsandparts.com
Message-ID: <BB59D01F.4C39%richlim11@yahoo.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Gee, that was a little harsh.

I must say that I made the same mistake and assumed there was an error in my

board when I saw only 7 holes drilled for a 14pin DIP. I did however go on to READ the manual online and it CLEARLY states that only a portion of the DIP is used.

As far as the manual, this isn't really that big of a deal in my eyes. Please note that my Norcal BLT came with a disk which was unreadable by my computer! I had to enlist the help of a nice Ham who volunteered to email me the manual. In the end, I was able to get the manual ONLINE just like I did for Dieter's kit.

Don't forget the Norcal kit now cost \$35 + \$4 shipping and uses a Pittsburg style PCB. PLEASE DON'T GET ME WRONG, I'M NOT KNOCKING THE NORCAL KIT, RATHER I'M JUST TRYING TO PUT THINGS INTO PERSPECTIVE IN LIGHT OF CHUCK'S POST!! PLS NO FLAMES.

Well this is the way that I see it.

Rich

--

73 DE KQ9L K2/100 #3232 K1 #1669
FISTS #10193 FP #548 QRPARCI #11129

On 8/8/03 4:43 PM, "Chuck Adams" <k7qo@commspeed.net> wrote:

>
> Gang,
>
> I ordered one of the \$17 freq reference kits from
> Dieter Gentzow, W8DIZ, who owns kitsandparts.com.
>
>> So, I can not recommend this kit, even to the most experienced
> of builders. Sorry to give a negative review, but that is the way that
> I see it.
>
> Chuck Adams K7Q0 k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60

Date: Sat, 09 Aug 2003 04:44:18 +0100
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [155834] kitsandparts review

Message-ID: <5.2.1.1.0.20030809042014.00b94cf0@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

My review of the kit may seem to have been harsh, but there is a reason for that. There is no reason ever to have the builder remove pins from an IC to install it. NEVER. At least provide a \$0.25 IC socket to allow installation and modify the socket, not the IC.

I am thinking about the first time builder mostly. What if you have the person removes pins and there is an error or there is lack of instructions to insure that the builder does not make a mistake? Who replaces the bad chip? At least with a socket there is less damage done if an error is made.

Was there an issue with the board manufacturer charging per hole? That may wind up being an issue of what the final kit is going to cost the end buyer. I don't remember seeing a kit where holes were missing for an IC. Radio Kit?

pdexpress.com and most of the other guys charge \$60-\$80 for two or three board prototypes. Not a significant expense in my opinion to get another pass done to avoid errors. And they do turn around in two to three days. You get this expense back in 10 or so kits. I am assuming typical profit margins.

I stand by my review. I don't think I was being too retentive on this one.

Manuals should be done in PDF format and all black and white. I haven't seen a manual yet that didn't have problems if done in color and printed on a B&W only printer. I do have a color printer (ink jet) but I prefer the speed of the laser printer over any fancy color schemes. Look at the Elecraft manuals online for an example. I know that the K1 and K2 are much more expensive kits, but a one or two page simple manual isn't that difficult to do in B&W.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Date: Sat, 9 Aug 2003 03:46:17 GMT

From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [155835] A plan to save, qrp.. ham radio in general....need ur help
Message-ID: <20030808.204624.505.709583@webmail10.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

Ok guys, gals

whatever bias u got towards me... pse drop it and listen... I think i have thought of a way to kill this BPL thing and to do it will take hams like urself...

As qrp ops we all know mw's can go around the world...given the right circumstances... Well BPL is giving 2 thru 80 mhz or so the opportunity to do just this...

one house wire, one electric wire, in the right place, the right length... and presto world wide inteference... so let's prove it...

yea u, me the whole bunch of us can play a part in this plan...

U guys that know the bpl thing... what do we (normal :-) hams need to detect bpl signals? what do they look like? how can we document a signal we receive?

The plan is to listen for and document reception of existing bpl services... across the US and abroad... hey the claim is this bpl thing puts out inteference that we qrp ops know will travel the world... so let's prove it, document it...

bpl in Va... heard on west coast... heard in midwest... picked up in canada, europe, asia... If we could document such a statement... that would get the public and political attention it deserves...

So how do we do it? One of u must know or suspect a way it can be done... kinda like fox hunting... what say? Is the chase ON or Not?

KE1LA JOEL
IN MAINE
FREEZIN

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Date: Fri, 8 Aug 2003 23:03:25 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155836] Re: Freq Ref kit from kitsandparts.com
Message-ID: <005d01c35e2b\$2ee48a00\$0364030a@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well, I've known Diz for several years now and I am sure he'll take care of these issues as fast as he can.

He's a good designer and a good builder and a great contributor to QRP.

73

----- Original Message -----

From: "Chuck Adams" <k7qo@commspeed.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, August 08, 2003 4:43 PM

Subject: Freq Ref kit from kitsandparts.com

>

> Gang,

>

> I ordered one of the \$17 freq reference kits from

> Dieter Gentzow, W8DIZ, who owns kitsandparts.com.

>

> I can tell you right now. No one should order one of these

> kits until he does a couple of things. He noted to the list

> that he messed up the board.

>

> Well he did not catch the biggest goof of all. There is a 14-pin

> DIP but there are only 7 wholes in the board for the pins. And

> there is a ground plane on the other side of the board and you

> are going to have a problem drilling the holes yourself, much

> less getting things right. And surely we are not supposed to

> cut pins from a DIP!! Some one stayed up too late working

> on this layout.

>

> There are no instructions at all on what the values are (no value

> markings on the board) and how to calibrate or set it up.

>

> OK. I checked the web sight and there are instructions there,

> but they should be included with the kit. For \$17 I'd expect no

> less. The print out of the building instructions does not print

> very readable on a black and white laser printer. The font is

> too light.... No way I want to move a computer to the lab to

> build this kit.

>

> This is, in my opinion, the second worst kit I've ever seen next to
the old

> Radio Kit xcvr that years ago there was a contest on this reflector

> to get one to work.

>
> The missing holes in the board, the error Dieter already noted on the
> bottom side of the board which is corrected with a Dremel tool,
> and the shoddy job of ragged edges on two edges of the board
> where it was separated from the rest of a multiboard layout.
>
>
> So, I can not recommend this kit, even to the most experienced
> of builders. Sorry to give a negative review, but that is the way
that
> I see it.
>
> FYI
>
>
>
> Chuck Adams K7QO k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60
>
>
>

Date: Fri, 8 Aug 2003 22:44:16 -0600
From: "NR5A" <nr5a@rap.midco.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155837] Norcal Keyer picture
Message-ID: <005d01c35e30\$e37d80c0\$3865dc18@jerry>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Before I got fired up enough to buy a Norcal Keyer someone posted a picture of one they built. It was small, in a sloping type cabinet, and it was white. It must have been on someone webpage. Of course since I was not interested then I did not save it. I know its not much here to go on but does anyone remember it?

Jerry - NR5A - South Dakota

Date: Sat, 9 Aug 2003 00:59:48 -0700

From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: nkennedy@tcainternet.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155838] Re: Freq Ref kit from kitsandparts.com
Message-ID: <003501c35e4c\$358a7e20\$698cb3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I agree 100% Nick! Chuck, I think that was just a bit over the top! Diz made a statement a few days ago about the problem with the trace, and I'm sure that he'll fix any other problems. Seems to me that for \$17.00, if you are getting a kit with all of the components and a PCB of any kind, you're getting a heck of a deal. BTW Nick's absolutely correct about the Norcal Kit missing a trace, I believe it was the mini-boots amp kit. I didn't hear a lot of folks complain about that. And what about the first run of Pixie kits? Seems that someone forgot to include that 1K resistor and you had to tack it on the back. It's pretty common and just the way things happen some times. Not that big of a deal for a \$17.00 kit. Now, if I purchased a rig on the level of a K2 and I had to cut traces or things didn't fit correctly, I'd bitch some as it's a darned expensive kit! Not quite the same though....

73's Trev KG6CYN
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, August 08, 2003 7:54 PM
Subject: Re: Freq Ref kit from kitsandparts.com

> ----- Original Message -----

> From: "Paul" <mooney@cytanet.com.cy>

>

> > On Sat, 2003-08-09 at 00:43, Chuck Adams wrote:

> > > Gang,

> > >

> > > I ordered one of the \$17 freq reference kits from

> > > Dieter Gentzow, W8DIZ, who owns kitsandparts.com.

> > Hi Chuck,

> >

> > Seems like there's no defense for this kind of product.

> >

>

>

> That's a little harsh, in my opinion.
>
> I read Chuck's issues with the kit, then went to Diz's site and read his
> info.
>
> OK, not providing dead-end pads for the unused pins seems a little weird,
> but this is described in the instructions and shown in the board layout. It
> looks like there's no technical reason to not let them float (they're
> outputs), so the issue is cosmetic and maybe ease of construction.
>
> New offerings frequently have a missing trace, or one that needs to be cut.
> I think there was one like that from NORCAL recently. It's no huge deal if
> it's an easy fix which is published and the error is acknowledged.
>
> Chuck is known as a fastidious builder who turns out projects that are
> visually appealing. To those who are similarly inclined, the comments on
> breaking off pins and rough cut boards are useful. But I don't think the
> Radiokit comparison was valid. If I recall correctly, that was simply a bad
> design that didn't work. I haven't yet seen anything to suggest that the
> frequency standard has any problems with functionality. When I get mine,
> I'll let the list know.
>
> Not including an instruction sheet--probably a bad idea. But printing from
> a web page is almost always a bad idea, in my experience. I'll generally
> just highlight the text, paste into Word, tweak formatting as needed, and
> then print.
>
> Just another perspective. The comments may have been accurate, but the tone
> is a little too strong in my view.
>
> 72--Nick, WA5BDU
>
>

Date: Sat, 9 Aug 2003 09:07:04 -0100
From: "Julian (G4ILO)" <g4ilo@qsl.net>
To: Bruce Rattray <rattray@gpfn.sk.ca>,
QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Subject: [155839] Re: [155800] W6ELProp question...
Message-ID: 661141179904070909082003@excelsior.tech-pro.co.uk

The A index is derived from the previous day's K indices. So the K index is more indicative of what's going on now, but the A index is better than nothing.

I've been playing with some propagation software of my own. I don't make any claims for it, but the curious may find out about it on my web site.

73,

--

Julian, G4ILO. (RSGB, ARRL, G-QRP)
G4ILO's Shack: <http://www.qsl.net/g4ilo>

==== Original message ====

>
> We use the solar flux and K index in this program...but what about the A
> index?...I don't see it being used and it seems to me that it is very
> important...
>
> ...72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683
> Zombie#272
>
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"
>
>
>

Date: Sat, 9 Aug 2003 09:14:38 -0100

From: "Julian (G4ILO)" <g4ilo@qsl.net>
To: Bud Rogers <budr@netride.net>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [155840] [155808] Re: FP Shrink: on what u owe ur radio...
Message-ID: 661171003238140909082003@excelsior.tech-pro.co.uk

Hmm...

All I want to say is to remind you good American folks that there is a whole world out there and future of the amateur bands is decided at international level. In most countries there is little or no serious involvement by hams in community service activities. The self-training aspect is really the only one that carries any weight round here.

73,

--

Julian, G4ILO. (RSGB, ARRL, G-QRP)
G4ILO's Shack: <http://www.qsl.net/g4ilo>

==== Original message ====

> John, I don't always agree with you but in this case your are right on
> the mark. The amateur community has been able to hang on to some
> sizable chunks of very precious spectrum over the years in spite of
> repeated attempts at encroachment. It hasn't been for our good looks
> or for our pleasure. We have been granted that privilege because of
> the community service we perform. IMNSHO.
>
> --
> Bud Rogers <budr@netride.net> KD5SZ EM05vb
>

Date: Sat, 09 Aug 2003 05:14:45 EDT
From: Ken Brown <hfbeacons@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [155841] HF BEACONS
Message-ID: <20000809.091229.7711.4.HFBEACONS@juno.com>

Please send your notices of beacons to the HF BEACONS

reflector list. It is similar to the QRP-L list but limited to exchanging world-wide beacon information, especially the 28 MHz Beacons, but has no limitation on frequency. I can send you subscription instructions, if you have an interest.

Ken Brown N4SO
Mobile, AL EM50tk
HFBEACONS@juno.com

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Date: Sat, 9 Aug 2003 09:44:57 GMT
From: hamjoel@juno.com
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [155842] Don't stop building that kit...
Message-ID: <20030809.024502.505.710646@webmail10.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

High Y'all

keep right on building dat kit young fella... we is gonna have a fox er bpl hunt... who kneaus what we need to look for to identify such a signal...

A new and sunny day is dawning, get u-self in on the action...

KE1LA JOEL
IN MAINE
FREEZIN

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Date: Sat, 9 Aug 2003 07:00:37 -0400
From: "Emmersome Bigguns" <n8ie@woh.rr.com>
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [155843] RE: Freq Ref kit from kitsandparts.com

Message-ID: <MMEDLKDLONJOAIGICDJAOEHPELAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

You are right Brian.

Chuck could have had a word wit Dieter before writing up his article, it came across more rude than helpful.

But then again, this was not a K7QO approved product

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Brian Murrey
Sent: Saturday, August 09, 2003 12:03 AM
To: Low Power Amateur Radio Discussion
Subject: Re: Freq Ref kit from kitsandparts.com

Well, I've known Diz for several years now and I am sure he'll take care of these issues as fast as he can.

He's a good designer and a good builder and a great contributor to QRP.

73

----- Original Message -----

From: "Chuck Adams" <k7qo@commspeed.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, August 08, 2003 4:43 PM
Subject: Freq Ref kit from kitsandparts.com

>
> Gang,
>
> I ordered one of the \$17 freq reference kits from
> Dieter Gentzow, W8DIZ, who owns kitsandparts.com.
>
> I can tell you right now. No one should order one of these
> kits until he does a couple of things. He noted to the list
> that he messed up the board.
>
> Well he did not catch the biggest goof of all. There is a 14-pin
> DIP but there are only 7 wholes in the board for the pins. And
> there is a ground plane on the other side of the board and you

> are going to have a problem drilling the holes yourself, much
> less getting things right. And surely we are not supposed to
> cut pins from a DIP!! Some one stayed up too late working
> on this layout.
>
> There are no instructions at all on what the values are (no value
> markings on the board) and how to calibrate or set it up.
>
> OK. I checked the web sight and there are instructions there,
> but they should be included with the kit. For \$17 I'd expect no
> less. The print out of the building instructions does not print
> very readable on a black and white laser printer. The font is
> too light.... No way I want to move a computer to the lab to
> build this kit.
>
> This is, in my opinion, the second worst kit I've ever seen next to
the old
> Radio Kit xcvr that years ago there was a contest on this reflector
> to get one to work.
>
> The missing holes in the board, the error Dieter already noted on the
> bottom side of the board which is corrected with a Dremel tool,
> and the shoddy job of ragged edges on two edges of the board
> where it was separated from the rest of a multiboard layout.
>
>
> So, I can not recommend this kit, even to the most experienced
> of builders. Sorry to give a negative review, but that is the way
that
> I see it.
>
> FYI
>
>
>
> Chuck Adams K7QO k7qo@commspeed.net
> <http://www.qsl.net/k7qo> CP-60
>
>
>

Incoming mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.502 / Virus Database: 300 - Release Date: 7/18/2003

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.502 / Virus Database: 300 - Release Date: 7/18/2003

Date: Sat, 09 Aug 2003 07:20:19 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155844] Re: [Joel's piece] FP Shrink: on what u owe ur radio...
Message-ID: <3F34D8F3.E0089C8B@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Please read Joel's post again and try to understand what he is saying.
He didn't say that ham radio was not a service. He didn't say not go out
and help folks the best you can when needed.

I think he's reacting to the statements of folks who imply that somehow
you and I owe ham radio _or organization_ to take a certain action.
No-one owes anything to ham radio or organization *just* because someone
said so. That's what I understood he meant. I hope Joel will correct me
if I understand it wrong, too.

73,
--Alex KR1ST

Date: Sat, 09 Aug 2003 07:20:41 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [155845] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <3F34D909.1116EBC8@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Lawrence Makoski wrote:

> I'd like to ask all you folks a
> question you know all those Amateur Radio license plates you see on
> cars out there? You think the states started those out of the goodness
> of their hearts?
>
> NO with a capital "N" and a capital "O" !!!

Absolutely right. It brings in extra money for the state.

73,

--Alex KR1ST

Date: Sat, 9 Aug 2003 05:43:08 -0600 (MDT)
From: Karl Larsen <k5di@msn.com>
To: qrp-1@lehigh.edu
Subject: [155846] Iambic Sending
Message-ID: <Pine.LNX.4.44.0308090522400.1257-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If your like me, you have a good Bencher paddle and you use it like an old lady. It works and people can hear you and understand what your sending but it is hard work. I have lost at least 3 times the paper by Chuck Adams, K7QO which I print out from Mozilla, my Linux web browser in postscript printing. It is slowly being printed again.

You get this paper from Chuck's web page which is <http://www.qsl.net/k7qo> and look for the learn iambic thing to click. I think the windows version called Netscape will print this out fine.

Once you have the paper hook your keyer to anything that makes sounds you can hear and start set up your paddle. Then follow the paper to the very end. It's been hotter than hell here in NM and I want to spend afternoons under the swamp cooler. This will be a good time to learn iambic keying.

Well it's printed out again. 11 pages. Put this in a 3 ring binder and away we go!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 09 Aug 2003 07:57:04 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: Makos327@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>

Subject: [155847] Re: FP Shrink: on what u owe ur radio...
Message-ID: <3F34E190.92F9D016@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually the purpose of giving out call letter license plates was to expedite the passage of ham's cars in emergencies. They will let you cross police lines and fire lines when your services are needed.

83

Date: Sat, 09 Aug 2003 08:18:21 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: dave dabay <kd3pc@mindspring.com>
Cc: QRP-L List <qrp-l@lehigh.edu>
Subject: [155848] Re: FP Shrink: on what u owe ur radio...
Message-ID: <3F34E68D.A0D7B3F6@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This ugly rumor is TRUE, Amateur radio experienced "silent years" from 1941 to 1946. Many hams also donated their rigs to the government as part of the war effort. The rigs were used by the government and military to train and equip units.

For about \$39.00 you can buy the QST CD ROM that covers 1940 to 1949, and read all about what hams did during WW 2. It makes for great bedtime reading, and there are some interesting projects in there too.

73

>
> I am a post WWII kid, but I have been told that amateur radio was "shut
> down" for the war???
>

Date: Sat, 09 Aug 2003 07:28:56 -0500
From: Joe Martin <km5cw@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [155849] Re: Freq Ref kit from kitsandparts.com
Message-ID: <3F34E908.7060807@arrl.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

Morning all,

Well, thanks for the review I have bought from Diz on occasion and have always had good quality stuff from him. Guess this was a rare case and no doubt he's busy tab right about now.

I want to openly thank all the folks who take the time and effort to provide all of us with many pleasurable hours of learning and building ham gear. No one does it for sheer profit, I doubt there is really much profit in dollars but more in satisfaction instead.

Don't anyone who wants to develop a kit shy away, heck it's good to have friends who will give an honest review of ones work, it is not a bad reflection on the developer. If this is the worst error ever come across in one of our kits we are well off and heck we now know what the problem is because someone took the time to do a review and post it.

Build ON
73 de KM5CW Joe

Brian Murrey wrote:

>Well, I've known Diz for several years now and I am sure he'll take care
>of these issues as fast as he can.

>

>He's a good designer and a good builder and a great contributor to QRP.

>

>73

>

>----- Original Message -----

>From: "Chuck Adams" <k7qo@commspeed.net>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Friday, August 08, 2003 4:43 PM

>Subject: Freq Ref kit from kitsandparts.com

>

>

>

>

>>Gang,

>>

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>>are going to have a problem drilling the holes yourself, much
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>>very readable on a black and white laser printer. The font is
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>>Radio Kit xcvr that years ago there was a contest on this reflector
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>><http://www.qsl.net/k7qo> CP-60
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--

Dallas-Stuck in the middle-Ft.Worth

Date: Sat, 09 Aug 2003 08:39:46 -0400
From: Bruce Muscolino <w6toy@erols.com>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [155850] Re: HW-8 users?
Message-ID: <3F34EB92.1AA9DB5B@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The HW-7 was the first QRP radio I owned. have three, one works, one does not, and one is in parts.

I inherited my first HW-8 from a very dear old friend. I bought my second one a few years ago. I used the first one extensively while I was living in Europe.

I bought my only HW-9 several years ago; it has all the goodies, but has never been on the air.

I love Heathkits!

73

Date: Sat, 9 Aug 2003 13:48:14 +0100
From: "Leon Heller" <leon_heller@hotmail.com>
To: "Low Power" <qrp-1@Lehigh.EDU>
Subject: [155851] 17 m Tx
Message-ID: <Law15-DAV50QWFa0RQ30001b9f1@hotmail.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

To celebrate my access to the HF bands, I've just designed a little 17 m CW transmitter so that I can communicate with my friend Nigel, G0UGD, who lives a few miles away from me. 17 m is his favourite band and he only uses CW.

It's very simple, a FET Pierce oscillator using an 18.1 MHz crystal (I had a couple made) and a tuned amplifier using a 2N2222A. The amplifier is followed by a LP filter. It's producing about 100 mW into 50 ohms, with an 8.4 V NiMH PP3 battery supply (current is about 26 mA when keyed), which should be enough. 'Ugly' construction (very ugly!) was used - I'll be putting it on a PCB eventually.

Nigel can output 1 kW from his ex-military Racal Tx, but he'll just use the exciter for our experiments.

My antenna will be a simple inverted 'V', connected via a balun.

I haven't checked to see how clean it is, yet. I've got to make a wavemeter first, unless I can find someone local with a spectrum analyser.

Initially, I'll be using it with a Sony 2001D Rx.

Makes a change from BPL, important as that is. I think it's been abandoned in the UK.

73, Leon

--

Leon Heller, G1HSM
leon_heller@hotmail.com
http://www.geocities.com/leon_heller

Date: Sat, 09 Aug 2003 09:13:08 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [155852] Re: kitsandparts review
Message-ID: <3F34BB24.23005.95C700F@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

>
> Was there an issue with the board manufacturer charging per hole?
> That may wind up being an issue of what the final kit is going to cost
> the end buyer. I don't remember seeing a kit where holes
> were missing for an IC. Radio Kit?

I just built the AzSqrptions "Class E Transmitter" kit. Imagine my surprise when I found the circuit board had NO HOLES!!! Horrors. Well, I got my old drill press and 1/4 inch drill out and fixed that right away!

Still having some minor debugging problems, but at least now I got a circuit board with holes!

John W2AGN

Date: Sat, 09 Aug 2003 09:33:47 -0400
From: "John Sielke" <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [155853] Re: Freq Ref kit from kitsandparts.com
Message-ID: <3F34BFFB.13777.96F57C8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

>
> Well he did not catch the biggest goof of all. There is a 14-pin
> DIP but there are only 7 wholes in the board for the pins. And
> there is a ground plane on the other side of the board and you
> are going to have a problem drilling the holes yourself, much
> less getting things right. And surely we are not supposed to
> cut pins from a DIP!! Some one stayed up too late working
> on this layout.

I took the unheard of step of reading those directions on the web. It clearly states that only 7 holes are provided, and why.

The big unanswered question of this review....

Did it work?

John W2AGN

Date: Sat, 09 Aug 2003 09:44:15 -0400
From: John Farnsworth <jfarnsworth@direcway.com>
To: qrp-1@Lehigh.EDU
Subject: [155854] If it seems too good to be true . . .
Message-ID: <DIEHLGHLBGPNJENLGEBKEEFHCAAA.jfarnsworth@direcway.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I looked a long time for a bench power supply. My criteria was features, but also price (\$\$/watt)The winner seemed to be one from Jameco, with 0-50V at 0-5 Amps. Well, you might not want to buy one like I did. It just killed my brand-new NorCal keyer. Am I mad!

When you turn it OFF, it goes nuts and outputs trash and high voltage spikes, with plenty of energy. I kept losing MPSA05 transistors, which have a Vceo of 60 V in a little dc-dc converter. I thought it was my design at first, but finally figured out that it would work fine until I turned it off, then the transistor was shorted on next power up. The scope showed the goods on the power supply. So now I use a clip lead to connect and disconnect it to circuits on the bench.

Unfortunately I forgot, once, and turned it off while connected to my NorCal keyer. I have the 78L05 jumpered out right now, (second mistake, two wrongs make a bigger wrong!) while I was waiting for the low power regulator from Mouser, and was running it directly off the 5V from the power supply. When I forgot, and turned off the Jameco power supply, I saw the ammeter on the supply go way up, before going to zero. Sure enough, dead PIC.

At my age I can't be sure I won't forget this again, so I hope to tear into it and see if there is a simple fix. Anyway, I guess the saying "Buyer Beware" is appropriate for those deals that look too good to be true . . .

Date: Sat, 9 Aug 2003 10:01:14 EDT
From: Rlemmel@aol.com
To: qrp-1@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [155855] Re: Freq Ref kit from kitsandparts.com
Message-ID: <c1.351c2bb3.2c6658aa@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I have built several of Diz's boards and have no complaint (would like the directions in b/w instead of using all that expensive color ink.) Even the K2 had corrections to be made. I had one with 'scratchy' AF gain. It wasn't the pot, but had to cut a couple traces and add a few jumpers. This required almost a complete disassembly of the rig. Works great after the mod so no complaints (I like to cut and paste anyway.) I have not seen the freq ref kit, but whatever problems, I know Diz, any he has always been ready to help anyone with any question. I learn more from post release refinements than from 'plug and play'. Enough ramble-72,Randy

Date: Sat, 9 Aug 2003 10:08:46 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155856] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <004301c35e7f\$c0a67da0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > I'd like to ask all you folks a
> > question you know all those Amateur Radio license plates you see
on
> > cars out there? You think the states started those out of the
goodness
> > of their hearts?
> >
> > NO with a capital "N" and a capital "O" !!!
>
> Absolutely right. It brings in extra money for the state.

Actually....

When I lived in NY (of all places) I think the plate was free. Or at most a 'setup charge'. I know we were at the time required by law to indicate if we were HAMS on licenses (the box to check was in the 'must answer' section on the application) but the plates were optional.

In Texas, getting a plate was a 'one time' administrative fee. Once you got it, the rest of it was a freebie. I think it was \$2 to file. And in

Texas

having a ham plate put you out of the system and 'special'. At that time (maybe still now) plates were permanently attached to vehicles. If you sold a vehicle, the plate stayed with it for life. HAM plates had to be pulled off and transferred special...

Mike

Date: Sat, 9 Aug 2003 10:12:15 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155857] Re: Freq Ref kit from kitsandparts.com
Message-ID: <002401c35e80\$3cba8f30\$6501a8c0@test>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Chuck Adams" <k7qo@commspeed.net>
Sent: Friday, August 08, 2003 5:43 PM

---snip---
> I ordered one of the \$17 freq reference kits from
> Dieter Gentzow, W8DIZ, who owns kitsandparts.com.
> I can tell you right now. No one should order one of these
> kits until he does a couple of things. He noted to the list
> that he messed up the board.
---snip---

Thanks for the review Chuck. Reviews are always welcome as you can always learn something from them, either pro or con.

The reason behind the broken pins on the HC4040 chip is to improve the ground plane on the PCB, but more importantly to reduce stray radiation from the unused output pins. It has nothing to do with saving money by drilling less holes :)

The HC chips have very fast rise and fall times that will generate strong harmonics into the VHF spectrum. Open ended pins will radiate. This is not a standard engineering production technique, but is a quick way to slightly improve the RFI.

Thanks again for the review. I did change the instruction's color to black on the web site. Refund is on it's way.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Sat, 9 Aug 2003 09:22:58 -0500
From: "Jim N0UR" <n0ur@comcast.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [155858] FOX; Last call tomorrow-N0UR
Message-ID: <000701c35e81\$bc19b7a0\$0200a8c0@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a quick reminder that tomorrow afternoon (8/10/03 2200Z) will be the last running of the 20 meter summer fox season. The dog days of summer are here, what better way to spend a late Sunday afternoon than in you cool shack fox hunting.

I plan on working just above 14.060. I will NOT be running a split, just get in there and make some noise. Then again, don't everyone zero beat.....be creative. There will be plenty of time to work everyone who shows up, and call copy me.

That's tomorrow, Sunday 8/10 at 2200 to 2350Z (you do the math)

Date: Sat, 9 Aug 2003 10:30:50 -0400
From: "Mark Fancher" <mfancher@fuse.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155859] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <003b01c35e82\$d51ccde0\$532a860a@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

KY plates are much less than other personalized plates (I think about 1/2 the cost). I didn't get the impression KY offered the plates to amateurs to make money - but as a recognition of the importance of the amateur service.

Mark, AA4MF

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, August 09, 2003 10:08 AM

Subject: Re: [license plate] FP Shrink: on what u owe ur radio...

>
> > > I'd like to ask all you folks a
> > > question you know all those Amateur Radio license plates you see
> on
> > > cars out there? You think the states started those out of the
> goodness
> > > of their hearts?
> > >
> > > NO with a capital "N" and a capital "O" !!!
> >
> > Absolutely right. It brings in extra money for the state.
>
> Actually....
>
> When I lived in NY (of all places) I think the plate was free. Or at most
> a 'setup charge'. I know we were at the time required by law to indicate
> if we were HAMS on licenses (the box to check was in the 'must answer'
> section on the application) but the plates were optional.
>
> In Texas, getting a plate was a 'one time' administrative fee. Once you
> got it, the rest of it was a freebie. I think it was \$2 to file. And in
> Texas
> having a ham plate put you out of the system and 'special'. At that time
> (maybe still now) plates were permanently attached to vehicles. If you
> sold a vehicle, the plate stayed with it for life. HAM plates had to be
> pulled off and transferred special...
>
> Mike
>

Date: Sat, 9 Aug 2003 07:33:18 -0700 (PDT)

From: Tom Severt <n2uhc@yahoo.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155860] Re: [license plate] FP Shrink: on what u owe ur radio...

Message-ID: <20030809143318.35884.qmail@web9601.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

--- Mike Yetzko <myetzko@insydesw.com> wrote:

> > Absolutely right. It brings in extra money for the
> state.
>
> Actually....
>
> When I lived in NY (of all places) I think the plate
> was free. Or at most
> a 'setup charge'.

Here in Kansas, the charge for an AR tag is \$1.50 per year. Not too shabby in a state that likes charging high fees to get a car tag. Conversely, a personalized tag is around \$45.00 per year.

=====

Tom Severt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
<http://sitebuilder.yahoo.com>

Date: Sat, 9 Aug 2003 10:44:21 -0400
From: "Richard Brummer, K2JQ" <k2jq@rcn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155861] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <044201c35e84\$b90c7040\$6501a8c0@cable.rcn.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the case of NY, there is currently a one-time "manufacturing" fee of \$23. There is also an annual fee of \$5, paid in addition to the vehicle registration fee, which is based on the weight of the vehicle.

Callsign plates in NY are not considered "vanity" plates (those have a stiffer annual fee attached to them), and are included in the Emergency Services group of Custom Plates. This group includes EMT's, Civil Air

Patrol, Volunteer
Ambulance personnel, and Volunteer Firefighters.

Upon ordering callsign plates for the first time, you must submit a copy of your Amateur Radio license, along with a special Custom Plate application. Thereafter, you must complete a certification, whereby you indicate that you are still eligible to retain those plates.

Dick K2JQ

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Sent: Saturday, August 09, 2003 10:08 AM
Subject: Re: [license plate] FP Shrink: on what u owe ur radio...

> Actually....

>

> When I lived in NY (of all places) I think the plate was free. Or at most
> a 'setup charge'. I know we were at the time required by law to indicate
> if we were HAMS on licenses (the box to check was in the 'must answer'
> section on the application) but the plates were optional.

Date: Sat, 9 Aug 2003 10:51:20 -0400
From: "Garey Barrell" <k4oah@mindspring.com>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155862] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <004c01c35e85\$b20f14e0\$6401a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I guess Georgia is a little more appreciative of HAM contributions than Virginia. Our HAM tags are free, as opposed to the \$25 "Vanity" tag charge for all other special tags.

73, Garey - K40AH
Atlanta

----- Original Message -----

From: "Alex" <kr1st@amsat.org>

> Lawrence Makoski wrote:
>
> > I'd like to ask all you folks a
> > question you know all those Amateur Radio license plates you see on
> > cars out there? You think the states started those out of the goodness
> > of their hearts?
> >
> > NO with a capital "N" and a capital "O" !!!
>
> Absolutely right. It brings in extra money for the state.
>
> 73,
> --Alex KR1ST

Date: Sat, 9 Aug 2003 07:52:17 -0700
From: "k6xr" <k6xr@bak.rr.com>
To: <kr1st@amsat.org>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155863] RE: [Joel's piece] FP Shrink: on what u owe ur radio...
Message-ID: <FJEMKMMDBHGDJFBIEBAJKELGDBAA.k6xr@bak.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

I agree, Joel was taken out of context.

Reggie K6XR in Bakersfield, Ca
K1-4 1512
Norcal 2306
Qrpp 8701
ARS 1545
Fp 620
Fists 10183
ARRL RCC

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Alex

Sent: Saturday, August 09, 2003 4:20 AM

To: Low Power Amateur Radio Discussion

Subject: Re: [Joel's piece] FP Shrink: on what u owe ur radio...

Please read Joel's post again and try to understand what he is saying. He didn't say that ham radio was not a service. He didn't say not go out and help folks the best you can when needed.

I think he's reacting to the statements of folks who imply that somehow you and I owe ham radio _or organization_ to take a certain action. No-one owes anything to ham radio or organization *just* because someone said so. That's what I understood he meant. I hope Joel will correct me if I understand it wrong, too.

73,

--Alex KR1ST

Date: Sat, 09 Aug 2003 08:09:37 -0700 (PDT)

From: Nelson Winter <thenels@go.com>

To: NR5A <nr5a@rap.midco.net>,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [155864] Re: Norcal Keyer picture

Message-ID: <1777173.1060441777183.JavaMail.thenels@gomailjtp01>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Hi Jerry, That was my keyer.

Here's the link again:

<http://www.qsl.net/wb6dwd/NorcalKeyer.htm>

-----Original Message-----

From: "NR5A"<nr5a@rap.midco.net>

To: "Low Power Amateur Radio Discussion"<qrp-1@Lehigh.EDU>

Date: Fri Aug 08 21:44:16 PDT 2003

Subject: Norcal Keyer picture

>Before I got fired up enough to buy a Norcal Keyer someone posted a picture
>of one they built. It was small, in a sloping type cabinet, and it was
>white. It must have been on someone webpage. Of course since I was not
>interested then I did not save it. I know its not much here to go on but
>does anyone remember it?

>

>Jerry - NR5A - South Dakota

>

Less = More

<http://www.qsl.net/wb6dwd/>

RM-40/30/20

QRP-L #2482

GO.com Mail

Get Your Free, Private E-mail at <http://mail.go.com>

Date: Sat, 09 Aug 2003 15:09:14 +0100

From: Dan Harriman <kc5gxl@ih2000.net>

To: qrp-l@Lehigh.EDU

Subject: [155865] Re: Norcal Keyer picture

Message-ID: <5.0.2.1.1.20030809150755.009f98e0@mail.ih2000.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Jerry;

I remember the pic and the keyer, but like you, I deleted it as I wasn't
interested in it at the time.

72 de KC5GXL

Dan Harriman

Orange, Texas

At 05:44 08/09/2003, you wrote:

>Before I got fired up enough to buy a Norcal Keyer someone posted a picture
>of one they built. It was small, in a sloping type cabinet, and it was

>white. It must have been on someone webpage. Of course since I was not
>interested then I did not save it. I know its not much here to go on but
>does anyone remember it?

>

>Jerry - NR5A - South Dakota

=====
Proud member of QRP-ARCI # 9126; QRP-L # 431; ARS # 25; FISTS # 1572;
QRPP-1 # 702; 1010 Int.; FP # 555; SOC # 569; NETXQRP # 45; ARRL; grid EM30cc
If at first you don't succeed, maybe you shouldn't try
sky-diving! dit dit
=====

Date: Sat, 9 Aug 2003 08:22:59 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155866] OT: Radio items FS
Message-ID: <004a01c35e8a\$1e66d7a0\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hello,

I have too much clutter in the shack. Some of the items are QRP related while others are not. Anyway, I like to give the list first chance before taking the items elsewhere.

- 1.. J-38 key - The real thing in good condition. Finish has dulled with age. \$15
- 2.. QSAT 2-band SW receiver kit - Featured in Radio Electronics in early 90's. Clean superhet design with PC board, all board level components, and documentation. \$27
- 3.. Telex 510-01 Communications Headphones - Sensitive, over-the-ear type phones. NOS in original box. \$20
- 4.. Cannon-Ball Master Headphones - Surely antiques, but in decent condition. High impedance phones like those used with crystal radios and hi-Z output radios like the HW-7 or HW-8. " plug. \$12
- 5.. Allied Radio Headphones - High impedance phones like those used in crystal radios. Pin plugs. \$8
- 6.. RS Lightweight Monaural Headphones - Still in original wrapping/box (cat no. 20-210A). \$4
- 7.. Experimental Methods in RF Design - The 2003 Hayward, Campbell & Larkin book. Like new condition (a corner has a fold line) with CD. \$37.50

8.. 13V, 10Amp (15A peak) linear supply - Homebrew but a nicely constructed, regulated supply. \$10

9.. 3-section variable capacitor - 450pF max. per section. Wide spacing with ceramic stator supports. Built-in 10:1 gear reduction. Ideal cap for a Z-match. Will handle QRP to 100W+. \$10

10.. McCoy 4MHz Crystal filter - Appears to be an 8-pole, lattice filter with about a 500Hz BW. Good for a QRP project. I'll include a 4MHz crystal for the BFO. \$10

11.. RCA VHF converter - This is a one IC aircraft band converter. It has a nice variable cap with an 8:1 reduction drive. Gutted, the Al box and cap would be idea for a small QRP project. 9.5x6.9x5.7 (cm). \$5

12.. Ersin Multicore solder, Sn40 - This is nearly a 1-lb roll, 1.2mm dia., mostly in the original shrink wrap. A few feet were removed when I tried the stuff. \$4.50

13.. My entire HF FT-243 XTAL collection - 17 crystals (approx. freq. in MHz): 3.919, 7.010, 7.074, 7.078, 7.096, (2) 7.100, 7.153, 7.164, 7.170, 7.173, 7.175, 7.182, 7.184, 7.195, 7.196, 7.250. \$20

14.. Two VHF FT-243 Crystals - For X18 multiplication: 8.16333 MHz (146.94 MHz) and 8.12333 MHz (146.22 MHz). These are like-new JAN crystals for 2-meter FM simplex. \$6 for both.

15.. Four HC-6/U Crystals - These have FT-243 style pins. 3.590, 3.725, 3.744, and 7.110 MHz. \$6 for all 4.

16.. Circuit Layout software for DOS, version 2.1 - I paid almost \$50 for this software about 5 or 6 years ago, only to let it sit. The software, user guide and book-like folder for \$8.

17.. RS 45W Desoldering iron - Removed from the packaging, used about 10 minutes, and then returned to the packaging. (cat. no. 64-2060) \$5
Shipping is not included in the prices.

Thanks, Thomas - AC7A (Tucson)

Date: Sat, 09 Aug 2003 10:19:19 -0500

From: Joe Martin <km5cw@arrl.net>

To: qrp-l@Lehigh.EDU

Subject: [155867] Re: [license plate] FP Shrink: on what u owe ur radio...

Message-ID: <3F3510F7.2030400@arrl.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Mike Yetsko wrote:

>>Absolutely right. It brings in extra money for the state.

>>

>>

Not in Texas like Mike speculated, there is only a \$2.00 fee and you do have to remove the ham tag if you sell the car and provide written notice. Nice tags and the Law Officers know who you are in an emergency.
73 de KM5CW Joe

>Actually....

>

>When I lived in NY (of all places) I think the plate was free. Or at most
>a 'setup charge'. I know we were at the time required by law to indicate
>if we were HAMS on licenses (the box to check was in the 'must answer'
>section on the application) but the plates were optional.

>

>In Texas, getting a plate was a 'one time' administrative fee. Once you
>got it, the rest of it was a freebie. I think it was \$2 to file. And in
>Texas

>having a ham plate put you out of the system and 'special'. At that time
>(maybe still now) plates were permanently attached to vehicles. If you
>sold a vehicle, the plate stayed with it for life. HAM plates had to be
>pulled off and transferred special...

>

>Mike

>

>

>

>

--

Dallas-Stuck in the middle-Ft.Worth

Date: Sat, 09 Aug 2003 11:25:39 -0400

From: Jim Campbell <jim-c@charter.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [155868] Ham Radio During WW II

Message-ID: <3F351273.2030909@charter.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1; format=flowed

Content-Transfer-Encoding: 7bit

One thing that hasn't been mentioned during this discussion is the terrific contribution that ham radio made to the war effort. As the US

geared up for WW II, there was a tremendous need for almost everything, including radio operators. Many ham radio operators served as instructors in the military in the early stages of the war, and many more served as radio operators. Without a cadre of trained operators at the outset, the ability to provide the required number of radio operators would have been most difficult. Ham radio provided that cadre.

Of course, the military paid us back by providing lots of radio gear on the surplus market for many years after the war. I still have a few pieces of surplus gear.

72/73,

Jim
W4BQP

Date: Sat, 09 Aug 2003 15:26:01 +0100
From: Dan Harriman <kc5gxl@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [155869] Re:was FP Shrink:/now TX ham plates
Message-ID: <5.0.2.1.1.20030809151807.00a0fec0@mail.ih2000.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Mike;

You are partially correct about the "Ham" license plates in Texas. They cost \$2.00 the first year then they are \$1.00 each year after. And as you stated, the plates stay with the vehicle from owner to owner for "normal" plates and they stay with the owner for "Ham" license plates.

Hope to work you on the air sometime,

73/72 de KC5GXL

Dan Harriman
Orange, Texas

At 15:08 08/09/2003, you wrote:

> > > I'd like to ask all you folks a
> > > question you know all those Amateur Radio license plates you see
> on

> > > cars out there? You think the states started those out of the
> goodness
> > > of their hearts?
> > >
> > > NO with a capital "N" and a capital "O" !!!
> >
> > Absolutely right. It brings in extra money for the state.
>
> Actually....
>
>
> In Texas, getting a plate was a 'one time' administrative fee. Once you
> got it, the rest of it was a freebie. I think it was \$2 to file. And in
> Texas
> having a ham plate put you out of the system and 'special'. At that time
> (maybe still now) plates were permanently attached to vehicles. If you
> sold a vehicle, the plate stayed with it for life. HAM plates had to be
> pulled off and transferred special...
>
> Mike

=====
Proud member of QRP-ARCI # 9126; QRP-L # 431; ARS # 25; FISTS # 1572;
QRPP-l # 702; 1010 Int.; FP # 555; SOC # 569; NETXQRP # 45; ARRL; grid EM30cc
If at first you don't succeed, maybe you shouldn't try
sky-diving! dit dit
=====

Date: Sat, 9 Aug 2003 09:54:46 -0700
From: "Bud Haynes" <BudHaynes@peoplepc.com>
To: <n2uhc@yahoo.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155870] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <004901c35e96\$f4657120\$0100a8c0@bud>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Here in Kansas, the charge for an AR tag is \$1.50 per
> year. Not too shabby in a state that likes charging
> high fees to get a car tag. Conversely, a personlized
> tag is around \$45.00 per year.
>

>
> =====
> Tom Severt N2UHC

In Arizona the cost is the same as a Vanity plate which is \$25.00 EVERY year, which is one of the reasons I no longer have one. It is bad enough paying around \$250.00 for the tags without the extra cost.

Bud - KV7G - Yuma, AZ

Mailto: kv7g@toast.net
Web Page: www.qsl.net/kv7g

Date: Sat, 9 Aug 2003 09:57:11 -0600
From: "NR5A" <nr5a@rap.midco.net>
To: <thenels@go.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155871] Re: Norcal Keyer picture
Message-ID: <00d201c35e8e\$e4cc0a10\$3865dc18@jerry>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep, Yep, Yep, that b the one! I'm going to do something like that I think. Well, the deck is built, its really nice, the boy is gone which makes me really sad. hi We somehow managed to trash the shack, got wood working tools all over the place. Also discovered a storm somehow took out my sound card in the puter so no PSK31. So once I get the shack cleaned up, go do shopping, I plan to work on and put in a real ground system , then start working on the RM-30! Yippie!

Jerry

----- Original Message -----
From: "Nelson Winter" <thenels@go.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, August 09, 2003 9:09 AM
Subject: Re: Norcal Keyer picture

> Hi Jerry, That was my keyer.
>

> Here's the link again:
>
> <http://www.qsl.net/wb6dwd/NorcalKeyer.htm>
>
>
> -----Original Message-----
> From: "NR5A" <nr5a@rap.midco.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Date: Fri Aug 08 21:44:16 PDT 2003
> Subject: Norcal Keyer picture
>
> >Before I got fired up enough to buy a Norcal Keyer someone posted a
picture
> >of one they built. It was small, in a sloping type cabinet, and it was
> >white. It must have been on someone webpage. Of course since I was not
> >interested then I did not save it. I know its not much here to go on but
> >does anyone remember it?
> >
> >Jerry - NR5A - South Dakota
> >
>
> Less = More
> <http://www.qsl.net/wb6dwd/>
> RM-40/30/20
> QRP-L #2482
>
> -----
> GO.com Mail
> Get Your Free, Private E-mail at <http://mail.go.com>
>
>
>

Date: Sat, 9 Aug 2003 09:11:24 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155872] OT: FS Radio items - update 1
Message-ID: <001701c35e90\$e19f4940\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Items 1, 7, 10 & 13 are now spoken for.

Thanks, Thomas - AC7A

Date: Sat, 09 Aug 2003 16:17:42 +0100
From: Dan Harriman <kc5gxl@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [155873] Re:was FP Shrink:/now TX ham plates
Message-ID: <5.0.2.1.1.20030809161313.00a4c0c0@mail.ih2000.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Yes, here in Texas, you can have all the vehicles that you own and have radio equipment in have your call sign on the plates. Several folks that I know do that. I will have the same plate on my two vehicles as soon as the paperwork comes back putting my latest aquisition in my name.

Also, I forgot to mention that the \$2.00 and \$1.00 is in addition to the regular yearly fee for the license plates.

72,

Dan Harriman
Orange, Texas

At 16:57 08/09/2003, you wrote:

>When I left TX (10 yrs ago) a ham was allowed to have his call on all the
>vehicles he
>owned. I had the same N5HF plates on both of my cars. Tried to do the
>same thing
>here n FL and the tax collector wanted to know what planet I lived on.

=====
Proud member of QRP-ARCI # 9126; QRP-L # 431; ARS # 25; FISTS # 1572;
QRPP-l # 702; 1010 Int.; FP # 555; SOC # 569; NETXQRP # 45; ARRL; grid EM30cc
If at first you don't succeed, maybe you shouldn't try
sky-diving! dit dit
=====

Date: Fri, 8 Aug 2003 22:21:26 -0500
From: Bill Stietenroth <k5zty@juno.com>
To: qrp-l@lehigh.edu
Subject: [155874] Re: HW-8 users?

Message-ID: <20030809.113053.-1902517.1.k5zty@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Still use mine. It has almost every mod in the Hot Water Handbook in it. Loads of fun to operate in a casual manner. Not much of a contest machine though. Use the DC receiver for a while and you appreciate your superhet and filters a bunch.

Bill, K5ZTY

Houston, TX

Date: Sat, 9 Aug 2003 11:43:40 -0500

From: "Michael Melland" <w9wis@charter.net>

To: <jsielke@pobox.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [155875] Re: Freq Ref kit from kitsandparts.com

Message-ID: <007f01c35e95\$63340f00\$0200a8c0@computer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

John,

I built it last night and it works great..... very stable... and quick to settle down. Better freq accuracy than I expected.... much better.

I'll be comparing it to my GPS standard later on.... I'm impressed. But then again I'm Irish.

Mike, W9WIS

Date: Sat, 9 Aug 2003 12:46:30 EDT

From: Fghester@aol.com

To: qrp-l@lehigh.edu

Subject: [155876] Re: HW-8 users?

Message-ID: <183.1eeff457.2c667f66@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Haven't seen original post that started this HW-8 thread. Will just add that mine occupies a place of honor on my operating table and is still in use. I will never part with it. I built it in 1978 and my then 7 year old son helped me by handing me each component as we did it together. Today he is a very successful engineer. I worked all states with it, hundreds of QSOs and I refurbished it in 1999. It's not modified at all and looks and works like new. / Woody / WD9F

Date: Sat, 9 Aug 2003 11:55:23 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [155877] OT Amateur Radio WebLogs? (long)
Message-ID: <E2E1C82C-CA81-11D7-8150-00306543B616@cox.net>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

About 6 months ago or so, I attempted to start a WebLog, also sometimes called a "Blog." It is still there, though it was not updated daily (or even close):
<http://www.k7on.com/blog.htm>

I have previously looked for other amateur radio related Blogs and found little. I'd be curious if there are any new ones or any that may have escaped my attention?

If you are unfamiliar with Blogs, may I suggest:
<http://www.k7on.com/blog.htm#Blogs>

What does any of this have to do with QRP-L? Maybe nothing, but as you know the mailing list is moderated. I think most agree this is the best course of action, at present. Occasionally, all of us write a flaming rant and sometimes we actually have a point (assuming our hair doesn't cover it).

Anyway, Blogs are a great opportunity for writing highly editorial materials that may or may not be suitable for large subscription mass mailing lists.

They can also be stream of consciousness stuff (think Kerouac) "painting the word picture" (as "Dave" says) describing personal experiences.

It can be easy, too! There is software that will do it all

for the author/pundit (e.g. Blogger).

And... just in time for back to school!

I'm rambling, but feel free to email me with any thoughts.

Brian

--

See my web page: <http://www.k7on.com>

Date: Sat, 09 Aug 2003 12:27:54 -0500
From: Chuck Carpenter <w5usj@9plus.net>
To: kc5gxl@ih2000.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155878] Re:was FP Shrink:/now TX ham plates
Message-ID: <3.0.2.32.20030809122754.00693a34@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

And,

>Also, I forgot to mention that the \$2.00 and \$1.00 is in addition to the
>regular yearly fee for the license plates.

That you would have to pay anyway for a regular license plate. So the
extra cost for what is termed vanity plates after the initial 2 is 1 per year.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, FP #601 <http://www.netxqrp.org>

Date: Sat, 9 Aug 2003 11:31:59 -0600
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155879] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <000601c35e9c\$23fbce0\$6801a8c0@dad>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

In Colorado, ham plates cost \$2 with the application and \$2 extra each year

at renewal time. Vanity plates cost \$60/\$50 for the Colorado Designer plate or \$35/\$25 for the regular plate.

I finally got my ham plates last year. It took about six months, though...

73 de Dave NK0E

Bud wrote:

In Arizona the cost is the same as a Vanity plate which is \$25.00 EVERY year, which is one of the reasons I no longer have one. It is bad enough paying around \$250.00 for the tags without the extra cost.

Bud - KV7G - Yuma, AZ

Date: Sat, 9 Aug 2003 19:34:09 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: <qrp-1@Lehigh.EDU>
Cc: <jfarnsworth@direcway.com>
Subject: [155880] Re: Overvoltage protection - was If it seems too good to be true . . .
Message-ID: <000c01c35e9c\$711b75c0\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

> Jameco, with 0-50V at
> 0-5 Amps. Well, you might not want to buy one like I did. It just
> killed my brand-new NorCal keyer. Am I mad!
> When you turn it OFF, it goes nuts and outputs trash and high voltage
> spikes, with plenty of energy.

I wonder if the addition of a transient suppression diode on the output would help you. I use a 1N6275 = 1.5KE15 - 1500W peak, 15 Volts diode after a 5 A fuse on my fixed voltage 13.8 Volts supply in order to offer overvoltage protection for my K2.

Maybe the same principle can be used? Of course it is harder with a variable supply, but you could add one diode per application, chosen according to the voltage needed.

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

Date: Sat, 09 Aug 2003 12:44:50 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [155881] Re: [self-training] Re: on what u owe ur radio...
Message-ID: <3.0.6.32.20030809124450.007c7ce0@mail.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:14 AM 8/9/03 -0100, you wrote:

>Hmm...

>

>All I want to say is to remind you good American folks that there is a
>whole world out there and future of the amateur bands is decided at
>international level. In most countries there is little or no serious
>involvement by hams in community service activities. The self-training
>aspect is really the only one that carries any weight round here.

>

>73,

>--

>Julian, G4ILO. (RSGB, ARRL, G-QRP)
>G4ILO's Shack: <http://www.qsl.net/g4ilo>

>

Self-training on which subject(s) ?

For what purpose ?

73,
Mike W9OJ

Date: Sat, 9 Aug 2003 10:45:03 -0700
From: "john gabbard" <johngabbard@usintouch.com>
To: <Fghester@aol.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155882] Re: HW-8 users?
Message-ID: <000b01c35e9d\$f7671430\$c2811c0c@john>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Years ago,I got tired of listening to the noisy relay in my HW8. One day at work I came across some mercury whetted relays (1x1/2" by 3/8". These install easily where the existing relay was mounted and really are a welcome change(they are silent). I have (1) left and I will sell it for \$7.00 shipped. Thanks for the BW 72 John KF70M High Nevada Desert

----- Original Message -----

From: <Fghester@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, August 09, 2003 9:46 AM
Subject: Re: HW-8 users?

> Haven't seen original post that started this HW-8 thread. Will just add that
> mine occupies a place of honor on my operating table and is still in use. I
> will never part with it. I built it in 1978 and my then 7 year old son helped
> me by handing me each component as we did it together. Today he is a very
> successful engineer. I worked all states with it, hundreds of QSOs and I
> refurbished it in 1999. It's not modified at all and looks and works like new. /
> Woody / WD9F
>
>

Date: Sat, 09 Aug 2003 12:59:48 -0500
From: KD5NWA <KD5NWA@cbayona.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155883] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <5.2.0.9.0.20030809125137.00a74718@127.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I live in Arkansas and I recently received a Ham radio license plate, but according to this extra revenue theory they screwed up. You see they

charged me \$4.00 to mail me my custom made plate, but other non-ham plates are charged \$35.00 plus shipping.

So either they messed up and didn't charge me enough, or the state considers Ham radio operators an asset to the state, imagine that!

I checked with some friends at work and stamp collectors, gardeners, horse fanciers and other "hobbies" don't get a special plate at all, never mind at cost.

Huh! what is this world coming to!

At 06:20 AM 8/9/2003, Alex wrote:

>Lawrence Makoski wrote:

>

> > I'd like to ask all you folks a

> > question you know all those Amateur Radio license plates you see on

> > cars out there? You think the states started those out of the goodness

> > of their hearts?

> >

> > NO with a capital "N" and a capital "O" !!!

>

>Absolutely right. It brings in extra money for the state.

>

>73,

>--Alex KR1ST

Cecil

KD5NWA

Date: Sat, 9 Aug 2003 11:15:56 -0700

From: "john gabbard" <johngabbard@usintouch.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [155884] mercury relay SOLD!

Message-ID: <003301c35ea2\$47b67a80\$c2811c0c@john>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Thanks, John KF70M

Date: Sat, 9 Aug 2003 13:19:06 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: <k7vo@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [155885] Re: Rigs I'd like to try someday
Message-ID: <028401c35eb3\$7c09cd80\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "K7V0" <k7vo@earthlink.net>
> Are there any QRP rigs out there that you are dying to try out but lack
> of availability or funds have kept you from playing with? If so, which
> ones pique your interest?
>
> 72,
> Caity

Well, an AMECO AC-1 sure would be fun. And maybe a K-2 while I'm at it.

If you'd like to at least *see* (and touch) some great classics, go to a
QRP-CON where Jim Cates is speaking and displaying his fantastic collection.

72--Nick, WA5BDU

Date: Sat, 9 Aug 2003 14:17:04 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <la3za@qsl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155886] Re: Overvoltage protection - was If it seems too good to be
true . . .
Message-ID: <004201c35ea2\$70a3c600\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> > Jameco, with 0-50V at

> > 0-5 Amps. Well, you might not want to buy one like I did. It just
> > killed my brand-new NorCal keyer. Am I mad!
> > When you turn it OFF, it goes nuts and outputs trash and high voltage
> > spikes, with plenty of energy.
>
> I wonder if the addition of a transient suppression diode on the output
> would help you. I use a 1N6275 = 1.5KE15 - 1500W peak, 15 Volts diode
> after a 5 A fuse on my fixed voltage 13.8 Volts supply in order to offer
> overvoltage protection for my K2.
>
> Maybe the same principle can be used? Of course it is harder with a
> variable supply, but you could add one diode per application, chosen
> according to the voltage needed.

Is it linear? If so, look at the schematic (if you have one) and make sure both sides of the 'error amp' for the regulator 'crash' equally the same when the main buss power turns off. If not, then put a diode on the inputs of the amp anode to the amp, cathode to the supply rail. That will cause the input to 'crash down' as the supply goes down. You could even look at the schematic and see which side being 'up' a little bit is what's causing the outputs to turn on (inverting or non-inverting) and hook to that to make sure it crashes down faster than the other side of the op-amp input.

Then again, you may have a defective power supply....

Mike

Date: Sat, 9 Aug 2003 13:28:05 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155887] Re: Freq Ref kit from kitsandparts.com
Message-ID: <00ab01c35ea3\$fa384de0\$0364030a@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trevor,

I think we all need to remember one thing. These blessed little kits are done not for fame and fortune, but they are done for the love of the hobby.

When Chuck bailed out in the middle of the MH101 course he started for

the SW 30+ Manhattan rigs a while back, a few guys were ticked off, me included but I thought about it a few days and decided that he had the right to leave us stranded if he wanted to. It's a hobby. Annoying things like that happen.

Chuck is certainly entitled to his opinion of Diz's kit, and even Diz admitted it wasn't perfect. We've all been duly warned now. Other reviews say the kit was well worth the \$17.

Knowing DIz, he'll fix things and make it right.

```
=====
KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57 Bacon Bits Editor
=====
```

----- Original Message -----

From: "Trevor Jacobs" <kg6cyn@softhome.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, August 09, 2003 2:59 AM
Subject: Re: Freq Ref kit from kitsandparts.com

> I agree 100% Nick! Chuck, I think that was just a bit over the top!
Diz
> made a statement a few days ago about the problem with the trace, and
> I'm sure that he'll fix any other problems. Seems to me that for
\$17.00,
> if you are getting a kit with all of the components and a PCB of any
> kind, you're getting a heck of a deal. BTW Nick's absolutely correct
> about the Norcal Kit missing a trace, I believe it was the mini-boots
> amp kit. I didn't hear a lot of folks complain about that. And what
> about the first run of Pixie kits? Seems that someone forgot to
include
> that 1K resistor and you had to tack it on the back. It's pretty
common
> and just the way things happen some times. Not that big of a deal for
a
> \$17.00 kit. Now, if I purchased a rig on the level of a K2 and I had
to
> cut traces or things didn't fit correctly, I'd bitch some as it's a
> darned expensive kit! Not quite the same though....
>

> 73's Trev KG6CYN
> <http://www.qsl.net/kg6cyn>
>
> ----- Original Message -----
> From: Nick Kennedy <nkennedy@tcainternet.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Friday, August 08, 2003 7:54 PM
> Subject: Re: Freq Ref kit from kitsandparts.com
>
>
> > ----- Original Message -----
> > From: "Paul" <mooney@cytanet.com.cy>
> >
> > > On Sat, 2003-08-09 at 00:43, Chuck Adams wrote:
> > > > Gang,
> > > >
> > > > I ordered one of the \$17 freq reference kits from
> > > > Dieter Gentzow, W8DIZ, who owns kitsandparts.com.
> > > Hi Chuck,
> > >
> > > Seems like there's no defense for this kind of product.
> > >
> >
> >
> > That's a little harsh, in my opinion.
> >
> > I read Chuck's issues with the kit, then went to Diz's site and read
> > his
> > info.
> >
> > OK, not providing dead-end pads for the unused pins seems a little
> > weird,
> > but this is described in the instructions and shown in the board
> > layout. It
> > looks like there's no technical reason to not let them float
> > (they're
> > outputs), so the issue is cosmetic and maybe ease of construction.
> >
> > New offerings frequently have a missing trace, or one that needs to
> > be
> > cut.
> > I think there was one like that from NORCAL recently. It's no huge
> > deal if
> > it's an easy fix which is published and the error is acknowledged.
> >
> > Chuck is known as a fastidious builder who turns out projects that
> > are
> > visually appealing. To those who are similarly inclined, the

comments

> on
> > breaking off pins and rough cut boards are useful. But I don't
think
> the
> > Radiokit comparison was valid. If I recall correctly, that was
simply
> a bad
> > design that didn't work. I haven't yet seen anything to suggest
that
> the
> > frequency standard has any problems with functionality. When I get
> mine,
> > I'll let the list know.
> >
> > Not including an instruction sheet--probably a bad idea. But
printing
> from
> > a web page is almost always a bad idea, in my experience. I'll
> generally
> > just highlight the text, paste into Word, tweak formatting as
needed,
> and
> > then print.
> >
> > Just another perspective. The comments may have been accurate, but
> the tone
> > is a little too strong in my view.
> >
> > 72--Nick, WA5BDU
> >
> >
>
>
>

Date: Sat, 9 Aug 2003 13:33:18 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [155888] Re: Freq Ref kit from kitsandparts.com
Message-ID: <00c501c35ea4\$b4beda80\$0364030a@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Joe,

You said a mouthful. I can't begin to add up all the enjoyment I have gotten from the Wayne's, the Dave's, the Steve's, the Doug's, the Ken's, the Brice's, the Joe's, the Chuck's, et all over the last few years.

My favorite kits have been the two I built at the last two FIDIM's with Diz and Ken leading the buildathon sessions.

Kits are fun, sometimes buggy kits are even more fun! <not always>

----- Original Message -----

From: "Joe Martin" <km5cw@arrl.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, August 09, 2003 7:28 AM

Subject: Re: Freq Ref kit from kitsandparts.com

> Morning all,

> Well, thanks for the review I have bought from Diz on occasion and
> have always had good quality stuff from him. Guess this was a rare
case

> and no doubt he's busy tab right about now.

> I want to openly thank all the folks who take the time and effort
> to provide all of us with many pleasurable hours of learning and
> building ham gear. No one does it for sheer profit, I doubt there is
> really much profit in dollars but more in satisfaction instead.

> Don't anyone who wants to develop a kit shy away, heck it's good
to

> have friends who will give an honest review of ones work, it is not a
> bad reflection on the developer. If this is the worst error ever come
> across in one of our kits we are well off and heck we now know what
the

> problem is because someone took the time to do a review and post it.

> Build ON

> 73 de KM5CW Joe

>

> Brian Murrey wrote:

>

> >Well, I've known Diz for several years now and I am sure he'll take
care

> >of these issues as fast as he can.

> >

> >He's a good designer and a good builder and a great contributor to
QRP.

> >
> >73
> >
> >----- Original Message -----
> >From: "Chuck Adams" <k7qo@commspeed.net>
> >To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> >Sent: Friday, August 08, 2003 4:43 PM
> >Subject: Freq Ref kit from kitsandparts.com
> >
> >
> >
> >
> >>Gang,
> >>
> >>I ordered one of the \$17 freq reference kits from
> >>Dieter Gentzow, W8DIZ, who owns kitsandparts.com.
> >>
> >>I can tell you right now. No one should order one of these
> >>kits until he does a couple of things. He noted to the list
> >>that he messed up the board.
> >>
> >>Well he did not catch the biggest goof of all. There is a 14-pin
> >>DIP but there are only 7 wholes in the board for the pins. And
> >>there is a ground plane on the other side of the board and you
> >>are going to have a problem drilling the holes yourself, much
> >>less getting things right. And surely we are not supposed to
> >>cut pins from a DIP!! Some one stayed up too late working
> >>on this layout.
> >>
> >>There are no instructions at all on what the values are (no value
> >>markings on the board) and how to calibrate or set it up.
> >>
> >>OK. I checked the web sight and there are instructions there,
> >>but they should be included with the kit. For \$17 I'd expect no
> >>less. The print out of the building instructions does not print
> >>very readable on a black and white laser printer. The font is
> >>too light.... No way I want to move a computer to the lab to
> >>build this kit.
> >>
> >>This is, in my opinion, the second worst kit I've ever seen next to
> >>
> >>
> >the old
> >
> >
> >>Radio Kit xcvr that years ago there was a contest on this reflector
> >>to get one to work.
> >>

Message-ID: <200308091347.45614.w0jrm@arrl.net>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Thursday 07 August 2003 08:41 pm, Tim Groat wrote:
> Let's continue this thread on the qrp-linux1 list
> (<https://lists.lehigh.edu/mailman/listinfo/qrp-linux-1>). That seems a more
re
> appropriate venue, and those who aren't interested won't have to read the
he
> linux posts.

Who said you had to read everything posted to the list? Lord knows I sure=20
don't.

72/73/oo
Rob, w0jrm

Date: Sat, 9 Aug 2003 15:37:29 -0400
From: "Michael Ross" <mross13@nyc.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [155890] Re: Freq Ref kit from kitsandparts.com
Message-ID: <007701c35ead\$abe6f920\$911e5a18@nyc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I ordered and built all of the kits that comprise the MP+ transceiver designed and sold by Diz. All went together smoothly. When I had some questions, Diz was quick to answer. He stands behind his kits. I would recommend any of Diz's products. Now it's time for me to get my order in for the Freq. Ref. kit.

73 de Mike, W2VD

> >
> > Seems like there's no defense for this kind of product.
> >

Date: Sat, 9 Aug 2003 14:47:54 -0500
From: Bud Rogers <budr@netride.net>
To: qrp-1@Lehigh.EDU
Subject: [155891] Re: [license plate] FP Shrink: on what u owe ur radio...
Message-ID: <200308091447.54419.budr@netride.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Saturday 09 August 2003 06:20, Alex wrote:

> Lawrence Makoski wrote:
> > I'd like to ask all you folks a
> > question you know all those Amateur Radio license plates you
> > see on cars out there? You think the states started those out of
> > the goodness of their hearts?
> >
> > NO with a capital "N" and a capital "O" !!!
>
> Absolutely right. It brings in extra money for the state.

Yeah. In Oklahoma it brings in almost enough to pay for the plates.
Here in tornado alley hams have a well earned reputation of community
service before, during, and after the killer storms. Where I live a
set of amateur radio plates will occasionally get you a friendly wave
from a complete stranger.

--
Bud Rogers <budr@netride.net> KD5SZ EM05vb

Date: Sat, 9 Aug 2003 15:46:48 -0400
From: Rick McKee <kc8aon@juno.com>
To: nkennedy@tcainternet.com, qrp-1@Lehigh.EDU
Subject: [155892] Re: Rigs I'd like to try someday
Message-ID: <20030809.154658.9134.1.kc8aon@juno.com>

For my AC-1, I scrounged around for the parts for about a year, and then
built one from scratch from a schematic on the web ! Notice the 6V6
transmitter in my signature !

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio <> Grid:
EM88rl
SW 40+, Norcal Cascade, Yaesu FT-7, Homebrew 6V6 tube TX & Hallicrafters

SW500

QRP-L #2112, FPqrp #33, AR QRP #269
I'll give up CW when I'm dead !

MAYBE !

On Sat, 9 Aug 2003 13:19:06 -0700 "Nick Kennedy"
<nkennedy@tcainternet.com> writes:

>Well, an AMECO AC-1 sure would be fun.

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 9 Aug 2003 15:02:49 -0500
From: Bud Rogers <budr@netride.net>
To: qrp-l@Lehigh.EDU
Subject: [155893] Re: [155808] Re: FP Shrink: on what u owe ur radio...
Message-ID: <200308091502.49854.budr@netride.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

On Saturday 09 August 2003 05:14, Julian (G4IL0) wrote:

> All I want to say is to remind you good American folks that there is
> a whole world out there and future of the amateur bands is decided at
> international level. In most countries there is little or no serious
> involvement by hams in community service activities. The
> self-training aspect is really the only one that carries any weight
> round here.

Julian, I apologize if I painted with too broad a brush. It is a common
failing of those of us who live in the USA to assume that our issues
are the world's issues and that our point of view is the only one that
matters.

In this country commercial interests generally prevail in any
competition for scarce resources. Many times over the years commercial
interests have sought to encroach on amateur spectrum allocations. In
most cases we have been allowed to keep our frequencies. I believe we

have prevailed only because of the long proud tradition of community service that hams have demonstrated.

--

Bud Rogers <budr@netride.net> KD5SZ EM05vb

Date: Sat, 9 Aug 2003 20:02:11 GMT
From: hamjoel@juno.com
To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com
Subject: [155894] WILD IDEA
Message-ID: <20030809.130256.505.713797@webmail10.lax.unttd.com>
Mime-Version: 1.0
Content-Type: text/plain

DOES anyone kneau anyone in the areas of bpl testing that would let them set up a ham station at their house, and the inteference could be measured for a normal ham perspective...

Wouldn't that be interesting...having ur house used as a test site in a modern technology investigation....

can anybody get permission to do this???

KE1LA JOEL
IN MAINE
FREEZIN

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Date: Sat, 09 Aug 2003 16:09:44 -0400
From: Al Scanandoah <k2zn@rochester.rr.com>
To: k7vo@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [155895] Re: Rigs I'd like to try someday
Message-ID: <3F355508.6030901@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

K2, K1, TS-130V, and the OHR-500. Not necessarily due to lack or funds

or availability, but they would definitely would require the proper amount of wining, dining, and tasks around the house in order to obtain spousal approval :-)

72 - A1, K2ZN

Date: Sat, 09 Aug 2003 16:09:34 EDT
From: Ken Brown <hfbeacons@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [155896] DL5KZ Milliwatt Beacon 21052.3 kHz
Message-ID: <20000809.200752.7263.0.HFBEACONS@juno.com>

QSL to p.monjang@ndh.net
From: "Peter Monjang" <p.monjang@ndh.net>
Date: Sat, 9 Aug 2003 21:16:00 +0200
Subject: DL5KZ MILLIWATT beacon on 21052.3 kHz
Hi dr group,
Still looking for reports on 21052.3 khz....

Running 200mw into 3 ele monoband yagi,pointing north atlantic....
slow cw,10wpm

serving 24hrs

greetings,
Peter DL5KZ

Ken Brown N4SO
Mobile, AL EM50tk
HFBEACONS@juno.com

The best thing to hit the internet in years - Juno SpeedBand!
Surf the web up to FIVE TIMES FASTER!
Only \$14.95/ month - visit www.juno.com to sign up today!

Date: Sat, 9 Aug 2003 15:17:03 -0500
From: "George, W5YR" <w5yr@att.net>
To: <hamjoel@juno.com>, <qrp-1@lehigh.edu>, <fpqrp-1@mpna.com>
Subject: [155897] Re: [fpqrp] WILD IDEA
Message-ID: <02b501c35eb3\$334c2110\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The flip side is perhaps even more interesting, Joel.

How much interference to the BPL data transmission would results from operation of a typical 100-watt ham rig into a backyard low dipole or ground-mounted vertical?

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: <hamjoel@juno.com>
To: <qrp-1@Lehigh.EDU>; <fpqrp-1@mpna.com>
Sent: Saturday, August 09, 2003 3:02 PM
Subject: [fpqrp] WILD IDEA

>
> DOES anyone kneau anyone in the areas of bpl testing that would let them
set up a ham station at their house, and the inteference could be measured
for a normal ham perspective...
> Wouldn't that be interesting...having ur house used as a test site in a
modern technology investigation....
> can anybody get permission to do this???
>
>
>
> KE1LA JOEL
> IN MAINE
> FREEZIN

Date: Sat, 9 Aug 2003 13:26:49 -0700 (PDT)
From: Jeff Furman <jfurman@ocs.net>
To: Nick Kennedy <nkennedy@tcainternet.com>
Cc: qrp-1@lehigh.edu
Subject: [155898] Re: [155383] More wine, anyone? [Long]
Message-ID: <Pine.LNX.4.21.0308091259200.23737-100000@ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nick, you might try an interesting experiment: use two separate audio channels, each generating non harmonically related frequencies, (how about 400 Hz and 700 Hz?) each blasting to its own speaker in the same room. You may notice imd from your ears, not the electronics. This was noticed by Helmholtz, at least a hundred years ago. I think it's mentioned in his "On the Sensations of Tone" published about 1885 to 1895 for various editions. When you can hear the mixing product, which is not necessarily harmonically related to either original sound, varying one of the frequencies causes noticable shift in the product frequency. I haven't tried this experiment in many years, but I think the sound needs to be fairly loud (sorry, I don't know how to convert 'fairly loud' into a standard sound level), but you need two completely separate sound sources, so you can't blame the electronics.

73, Jeff AD6MX

On Fri, 8 Aug 2003, Nick Kennedy wrote:
><snip>

> I had one more hurdle with this one. I ran each stage of my two-tone
> oscillator(s) through a follower and then combined them in a summer. I
> hooked up some little walkman style phones to it and took a listen. I was
> shocked to be able to hear IMD after cranking to levels to just 200 mV or
> so. Finally figure out that the little 741 style op-amp just wasn't able to
> drive those fairly low Z headphones (200 ohms or so?). I hooked it into a
> hi-z input stereo amp and it sounded fine.
>
> 73--Nick, WA5BDU
>
>

Date: Sat, 9 Aug 2003 15:44:35 -0500
From: "Charles KC0EH" <cvest@hit.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155899] Re: Freq Ref kit from kitsandparts.com
Message-ID: <002c01c35eb7\$0ce70a40\$7011ecd8@S0030327652>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have never met Diz and never spoken with him. However I have been a WELL SATISFIED customer of his for a couple of years now, all done over the net.

One point that everyone has failed to mention is that he also offered to sell this kit assembled AND calibrated for \$22.00.

Not all of us are able to assemble small kits for different reasons. I am disabled with a neuro-muscular disease that does not allow me enough use of my hands to assemble small kits any longer. I of course opted for the assembled and calibrated model.

I made my living for many years in the electronics startup and repair field. The \$5.00 charge to assemble and calibrate the kit is not even just compensation for his time !!!!!

An apology is certainly in order and the negative comments were grossly out of line.

In my opinion he is a fine gentleman to do business with and a GREAT example of how a ham radio operator should conduct himself.

73...Charlie...KC0EH...

Date: Sat, 9 Aug 2003 13:51:21 -0700
From: "Thomas Kuehl" <ac7a@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [155900] OT: FS Radio items - update 2
Message-ID: <003f01c35eb7\$fd722c10\$120110ac@texas6oef4glwm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The following items have sold from my earlier FS listing: 1, 2, 4, 6, 7, 9, 10, 12, 13, 15, 16 & 17. Leaving 3, 5, 8, 11 and 14 available.

Thanks for all the interest. I am keeping back up info in case persons back out.

Regards, Thomas AC7A

Date: Sat, 9 Aug 2003 23:10:42 +0200
From: "Sverre Holm" <la3za@qsl.net>
To: <qrp-l@Lehigh.EDU>
Subject: [155901] Re: Overvoltage protection - was If it seems too good to be true . . .
Message-ID: <001201c35eba\$b1737e10\$8e00a8c0@Master>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

> I use a 1N6275 = 1.5KE15 - 1500W peak, 15 Volts diode
> after a 5 A fuse on my fixed voltage 13.8 Volts supply in order to
offer
> overvoltage protection for my K2.

Sorry, I was a little quick there. That diode can start to conduct at
13.8 Volts. The one I use is an 18 Volt version: 1N6277A = 1.5KE18A

--
73,
Sverre

Sverre Holm, LA3ZA
www.qsl.net/la3za

End of QRP-L Digest 3007

